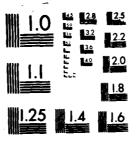
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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

STATION:

#93102 Fallon, NV

PERIOD:

HOURLY 1/73-12/82

DAILY 11/57-12/82

JOB NO. 72006

DATE

August 1984

PREPARED BY
NAVAL OCEANOGRAPHY
COMMAND DETACHMENT,
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

AD-A150 481

PREPARED FOR COMMANDER, NAVAL OCEANOGRAPHY COMMAND NSTL MS 39529



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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION	PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM				
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER				
4. TITLE (and Subtitle)		S. TYPE OF REPORT & PERIOD COVERED				
Summary of Meteorological Observat	ions, Surface	Reference Report 1973-1982				
(SMOS) Fallon, NV		6. PERFORMING ORG. REPORT NUMBER				
7. AUTHOR(e)		8. CONTRACT OR GRANT NUMBER(*)				
NA .						
9. PERFORMING ORGANIZATION NAME AND ADDRESS		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS				
Naval Oceanography Command Detachme	ent	AREA & WORK UNIT NUMBERS				
Federal Building						
Asheville, NC 28801		12. REPORT DATE				
Commanding Officer	1	August 1984				
Naval Oceanography Command Facility	,	13. NUMBER OF PAGES				
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14. MONITORING AGENCY NAME & ADDRESS(II different	from Controlling Office)	15. SECURITY CLASS. (of this report)				
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Climatology, surface wind, temperat relative humidity, station pressure	ure, precipitati	ion, ceiling, visibility,				
daily temperature, weather conditio	ns. monthly clin	matology, coastal region				
snow depth, and cloud cover	,	according, coustain region,				
20. ABSTRACT (Continue on reverse elde il necessary and	Identify by black number)					
This data report consists of a six weather observations. The six part	part Statistical	summary of surface				
Atmospheric Phenomena, Part B - Pre	s are: Part A - cinitation/Snowf	weather conditions/				
Part C - Surface Winds, Part D - C	eilina versus Vi	sibility/Sky Cover				
Part E - Psychrometric Summaries,	Part F - Station	Pressure/Sea Level Pressure				

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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

This update includes the period of record (POR) 1973 through 1982, with all available data through 1982 for extreme values.

This summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

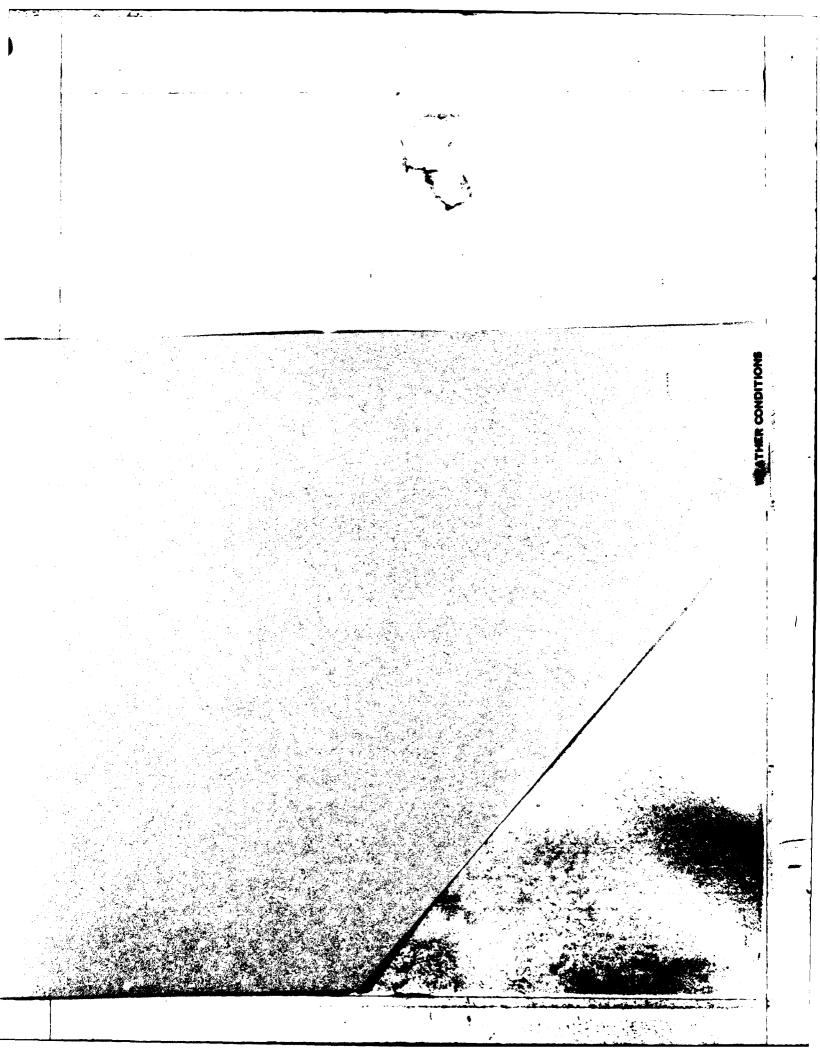
<u>DESCRIPTION</u>: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of "O". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Oceanography Command Detachment (NOCD), Asheville, N.C. welcomes your comment and criticisms.

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NOCD, Federal Building Asheville, N. C.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month and annual, all hours and years combined, by wind direction.
- 3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

1- I

<u>lowing spray</u> - This item if reported, is not shown in a separate category on this form but is included n the computation Percentage of Observations with Obstructions to Vision.

ercentage of observations with obstructions to vision - Included in this category are the observations hen one or more of the above obstructions to vision occurred. Since more than one type of obstruction ay be reported in the same observation, the sums of the individual categories may exceed the percentage otal columns. Also, although precipitation may reduce visibility, it is not considered an obstruction o vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not effect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

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PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Percentage Prequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

WEATHER CONDITIONS ATTROPPERATOR PREMIUM (*)

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MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND 'OR HAZE	BLOWING	DUST AND: OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
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	15		ļ ————					· · · · · · · · ·		· •		<u> </u>	
					3.7		3.7	<u> </u>	L	: ;		• >	• ,
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		ļ									<u> </u>		
				ļ								<u> </u>	
TOTALS			i .		1.5		3.1	2.4	• 2	.1	• 3	₹.?	15

TUTOUNTACE FRENUENCH OF MCCLAR FOR ME WEATHER C NOTITIONS FROM HOUSELY CREEVATTURE

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	211		7		3.2		3.5	بذوع	• 1			•	1747
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TOTALS			2.6		1.		3 . 4	1.1	• ?	-	و لو	1	21117

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

JANUARY 1973-DECEMBER 1982 JANUARY

TALLER, TW. MARKEN NAME HOLBS LISTE

A.S.	2A.*.	PA *- Sector ERS	CHRIZZES	FREFZING RA-N FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
•	ĩ • •			1		5.4			1.2	• 6			.6	30.€
***	· •	• • •	<u> </u>	<u>+</u>	• 7	3.6			5.5	• 4				57.7
<u>*</u> .:	1.			1	ļ	1.1			1.	2 - 1				74.
5.54				1	ļ	2.5			€.€	2.0	4			17.0
E				•	L	2.1			4					8 % . ⊣
ESE	. 3			1	i +	2.3			1					>3.7
58		1.4	i	į.	+				1.4					97.
SSF				4		2.6			5	3.5			2.6	37.8
<u> 3</u> 4	~,• 1 ,			· •	·• · · · · · · · · · · · · · · · · · ·	2.1			• 1	• 7	. 7			92.
SSW				· ·					1 .					87.5
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		-42			$\geq \leq$	><	$\geq \leq$	$\geq \leq$	>	$\nearrow \ll$	$\nearrow \checkmark$	$\geq \leq$	$\geq \leq$	>>
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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

2 4,7 4 - 46 - 5 - 54	2 A 5.	PA N	T. R-ZZ. E	FREEZING RAIN FREEZING TIPIZZIE	SCEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	SAND SAND AND DUST	NO WEATHER
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- P	•	2.5				3.0		<u> </u>		<u></u>			3.9	9.7
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5 25	•	4.7				ļ 			• 7					48
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	1.	1 .	• 1			2.3		 		.4	• 1		• 6	97.7

TOTAL NUMBER OF OBSERVATIONS 1,664

JA VUAFY 1973-TI CEMBER 1982

#0:R5 L,5.1

W ND D MED 1616	847	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS CE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
**		2,2				2.3							3	8 .
N/ *, #	3	2 • 3				1.2			1.2]	94.
N. 51	1.7	3.4							1.7				1.7	71.4
FNE						2.1								97.6
ξ.		1.		1										28.1
ESE		. 7												87.1
55	1.3	1.3		7										77.4
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5	,	1.4				. 7								c7.
55.W	•	3.2	1.5	1	7								1.6	93.5
3.6	7.3	2.3				1.2		1.2				1.2	4.7	89.5
w3w	-+	2.4											1.2	26.5
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W * A		1.1	•	•	•	2.2				1				92.4
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TOTAL NUMBER OF OBSERVATIONS 1.6.53

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

JANUARY 1973-P- CEMPER 1982 APRIL
THE STATION NAME JANUARY 1973-P- CEMPER 1982 APRIL
HOURS (LISTE)

FIND DIRECTION	FAIN	RA:N .SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS CE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
N	1.	2.3				1.3		• 5				• 5		24.5
NNE	1.1	1.1				1.1						T		95.6
	1.7	3.3				1.7								93.3
ENE						2.4								97.4
E .				1										100.0
ESE		3.0											3.C	43.0
SE												1		100.0
SSE												T		97.4
5		1.3							• 4			T	• 9	96.4
33.0		3.5										i —		96.2
; A	1.5	1.4				1.4		1.4					4.1	91.8
N S N		4.3		1									4.3	91.4
*	• /	1.4		1		. 5				1		1		97.2
Vi ts. W	• 2	3.1				2.5		•6						93.8
5,4	• • •	1.8		·		1.5				1	1		• 9	95.5
NNW	• •	1.5				2.3					1			95.5
PLEABLE				!						T	<u> </u>			
PLEA PAV		>4	> <			>48	$\overline{}$		> <				> <	32
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TOTAL	1.	71		i		20		3	ì	1	ļ	1	9	1698
JE FORAL	•	1.7				1.1		•2	• 1			•1	• 5	95.8

TOTAL NUMBER OF OBSERVATIONS 1,772

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

<u> </u>	TALL TIES NV		JANUARY 1973-DECEMBER	1982	MAY	
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in water Sugar to a	For the	PAN SHOWEPS	DRIZZLE	FREEZING RA N FREEZING DRIZZLE	SLEET SHOWERS CE CRYSTALS	SNOW GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
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*, *, #	₹.	3.1		1									• //	94.5
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55F		4.2												95.
	1.1	5.6		1	<u>'</u>			4.5					1.1	92.1
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∧ % ∧ .		7.7		:				1.3			<u> </u>		2.5	87.7
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ANA					1	1.1		€ 5						55.
	$-1 \bullet 9$	1.4		·	:			.7		L				97.
N.14.4		1.7		1	.1	• 6		•6					• 6.	47.1
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TOTAL NUMBER OF OBSERVATIONS 1.0965

HAVWEASERVOOM

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

**	ALL'S IN NOV	JANUARY 1973-01068768 1982	JJ1.E	HO :R5 12.5.T.

A. A	o,	PAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZEE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
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~ ****	1.2	• 6			ļ			• 6		 		<u> </u>		97.5
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= -, '	•	1.6						• 8					• 4	96.7

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

UA JUANY 1973-D CEM SER 1992 JULY TALLAND AV

	- · · · •	PA N SH3WEHS	DRIZZLE	FREEZING RAN FREEZING ORIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
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in National														12 5. ^
		•			<u> </u>			2.						0.7
# m#														97.6
Ε		1		<u> </u>	· 									1.,0.0
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SE		7.7			i									97.3
ESSE.		4.4		ļ	<u></u>			2.2						91.1
5	1	3.1			<u> </u>			7 •						94,9
15.4		2.3						2.3						35.7
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a saw	•			·	Ĺ			• 5						39•;
NA					L			. ₺	·					73.
NNW.		2.2	<u>-</u>		L			1.5		<u> </u>				7.1
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1,345 TOTAL NUMBER OF OBSERVATIONS _

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

CALL N. NA

JANUARY 1973-BROEMPER 1982

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NTH H

WIND DIRECT ON	₽A N	PAN SHCIWERS	DRIZZLE	FREEZING R. N FREEZING DF ZZLE	SLLET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NC WEATHER
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SSE	1.7	3.3	·]									<u> 52.01</u>
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5 S W		1.7		1				1.9			1.9			95.2
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*. A	. • *	1.4						• 7	•7				• 7	97.1
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TOTAL NUMBER OF OBSERVATIONS

1,778

MAVWEASERVOOM

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

,	FALL MAN	JANUATY 1973-0 CEMHER 1982	SECTEMBER	
	* 4 * DN NAME	Y E ARS	MONTH	HO.R5

A-5.	\$ A N.	PAN Teltwiffs	DRIZZLE	FREEZING FAN FREEZING DRIZZLE	SLEET SHO WERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
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[No. F		3.3						I = I					• 1	95.4
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ารส		1.5						1.5						98.4
		2.4			1			1.2						97.6
54.4		3.5			T			3.6			L			96.4
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V E A		2.1												97.9
A	• 7							• 7			I			95.7
wh.s		1 • 1			I									98.9
. ^	2.4	2,4											1.2	34.
Shw		2.5		1										97.4
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TOTAL NUMBER OF OBSERVATIONS 1 . 5 7 3

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

. 0 CALLING, NV JANJANY 1973-F CHM EN 1982 (7035)

¥ A · b _e	PAN SHOWERS	DRIZZLE	FREEZING PAIN FREEZING ORIZZLE	SLEET SHOWERS -CE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	SAND SAND AND DUST	NO WEATHER
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	1.5		•	•	1		 		 		 		36.
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- 1	4.1		•	•	! !		1.4				1		21.5
· •	2.0	,	•	-	1.5			1.0				1.5	53.1
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1	, ,		•	<u>+</u>	├ -		+ +		 	ļ	ļ		77.4
	1.4	1.4 29 1.66 2.5 4.2 2.7 1.1 1.9 2.3 2.3 2.3 1.5 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3	2.5 4.2 2.7 1.1 2.7 1.1 2.7 1.1 2.3 1.5	2.5 1.6 2.5 4.2 1.1 2.7 1.1 2.7 1.1 2.7 1.1 2.7 1.1 2.7 1.1 2.7 1.1 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	2.5 4.2 2.7 1.1 2.7 2.7 2.1 2.7 2.7 2.1 2.7 2.7 2.1 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	1.4 2.5 2.7 1.5 2.5 2.5	2 N SHOWERS DRIZZE PREDICT OF CE PRELETS SHOWERS HAIL 1	PAN SHOWERS DRIZZEE REFERRING CE CRYSTALS SHOWERS HALL THUNDER CRY	22.N SHOWERS DRIZEE REEZING CE CRYSTALS SHOWERS HAIL THUNDER FOG CRYSTALS	SHOWERS SHOWERS SHOWERS SMALL THUNDER FOG GROUND FOG OPERAL SHOWERS SHOWERS HALL THUNDER FOG GROUND FOG SHOWERS HALL THUNDER FOG SHOWERS HALL THU	Thunder Drizze Reeling CE SHOWER SHOW	22.	2 1 2 3 3 3 3 3 3 3 3 3

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

JA GRACK 1973-DECEMBER 1982 N VEMSES HOLDS GET

		Factorial Communication of the	DIR-CZUE	FREEDING RAN FREEDING DRIZZE	SLEET SHOWERS ICF CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
٠.	•			•	!	3.								74.4
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	1.41			4	+									: 9.0
*, *				; + .		5.7				ļ				7403
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		,		.	·					ļ		ļ		36.4
				į		2.0						<u> </u>		27.1
-		1.1;		.	·					·				26.0
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				ţ	<u>+ </u>	3.0		}		 	 	 		92.2
A . A	· · · · · · · · · · · · · · · · · · ·				<u> </u>	2.1		 	• 1	+		 		73.
Α		2.1		ļ	 	3.1		 	• • •	1.5	 	+	1.	92.
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. 42 44 1		,		† · · · · · · · · · · · · · · · · · · ·	+						<u> </u>	 		
5 W	- +	~2			$\geq <$	>*C	$\geq \leq$	$\geq \leq$	$\geq \leq$	\searrow		$\geq \leq$		
· · · .		8				3.7				,			1	16 :
	1.	· · · · · · · · · · · · · · · · · · ·				1.7				• 2		<u> </u>	• 1	7.

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCC4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

JANJARE 1977-D CEM-ER 1982 DECEMBER
TANDARE TANDARE TO THE TOTAL PROPERTY OF THE PROPERTY OF THE TOTAL PROPERT

A NO.	FA ti	PA:N SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	#LOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
	• •	5.4				ê • 1			1.4				. 7	8° . R
พพธ	•	1				2.4	-		4.0					v3.
		1.7				1.7			2.5					75.
E 2447		2.3								2.3				95.5
4	1.1	· · · · · ·		1		3.1								96.0
F 5.5				I						3.3	3.3			46.7
5 E	1.7					1.7								3€.7
35E	4.4	1.8											• 9	92.9
	1 • 5	1.7		1	I	1.3			1.9					34.2
						2.0							7.5	96.1
. •.				:	1				3 • □				3.5	93.9
A 8					1				2 • 3				2.3	05.5
		1.7]			1									98.1
		2.7		1	Ī									97.2
454	→ •			T		2.0			4.9					90.0
						4.2			1.4			1 - 4		54.4
Λ 🗕 Δ -														
		_ ~.5		\mathbb{Z}^{\sim}	$\geq \leq$	>	><	$\geq \leq$	$\supset \mathcal{X}$	X	\nearrow	$\geq <$	>>	
	1 •	17				26			35	11	3	1	r :	1593
	• 1	1.0		1		1.5			2.3	• 7	• 2	•1	• 3	93.3

TOTAL NUMBER OF OBSERVATIONS

1.608

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

JANUATY 1973-TICEM-ER 1982 *LL

		7 . . 3 2 9	18-724 F	- P(f / f	SLEET SHANWERS 1 of PRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOC	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
	1.2	1.7		+	•	1.7		•5	• 2	•1	•1	•:	.7	94.3
	'•ì'	1.3		•	• 1	1.2		•2	. 7	•1			• 2	वर्•र
·.	•	1.5		•	•	• 4		•4	• 5	• 2			•1	35.7
424	• •	1.7		•	•	1.:		.4	•6	• 4	• 4		• 2	32.5
	1.5	3.3	. 7	•	•	•	· · - · · ·	•5	•7	• 7				74.
£1		7.4		•	•	· -:		• ₹	1.6	• 3	• 3		• 3	77.7
C =	1.2	1.2		•	•	• 7			• •					75.7
	1.7	1.3		•	•	• 4		•2	• 3	.4			.6	95.7
		1.5		•	• •	E		• 5	5	•1	• .		.4	95.Y
	•	2.0	. 2	•	•	• • •		• 5	1.	<u> </u>	• .	<u> </u>	. 8	94.5
	• :	1.2		•	• ***	+		•5	• 5		• ~	• 2	1.7	93.5
A	•	2.5		•	• -	•		•4	• 7	 	•1	†	1.3	94.
	1 • i	1.	• 0	•	•	† 		.7	• 3	•	1.	†·	• 2	75.7
A 2, A	•	1.5	• 1	1	•	1.1		•5		•1	• 1	† · - · -	• 4	75.
* *	1.	2.2		•	• 1	1.		• 3	• 5	†		•1	• 3	CE.I
7.5.W	5 • 5	1.1		• •	•	2.0		. 4	. 4	•1	•1	•1	• 2	A2-1
		•		•										
		~ * *		**-			> <	\rightarrow	> ₹	$\nearrow \checkmark$	><<	$\geq \leq$	$\geq \leq$	354
• • •	:?	314	5	i ·	-	2 ′ ′		78	187	46	27	4	72	20098
·	I	1.5		• • •	· •	1.7		- 4	• 9	• 2	•1	• 5	• 3	05.1

TOTAL NUMBER OF OBSERVATIONS

31,144

(i). Federal Building heville, N. C.

ART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

is portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of e following:

PRECIPITATION

DERIVED FROM DAILY OBSERVATIONS

SNOWFALL*

DERIVED FROM DAILY OBSERVATIONS

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

The first table for each of the above presents the <u>percentage frequency of various daily amounts</u>, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945 Jan 46-May 57 Jun 57-present	Snow depth at 0800 LST Snow depth at 1230 GCT Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52 Jul 52-May 57 Jun 57-present	Snow depth at 0030 GCT Snow depth at 1230 GCT Snow depth at 1200 GCT

^{*} Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, and after Dec 1979.

-

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

Title 19, 119

5/-3

STATION

STATION NAME

YEARS

· · · · · · · · · · · · · · · · · · ·						AM	OUÑTS (II	NCHES)						PERCENT		MONT	HLY AMO	UNTS
PRECIP	NONE	TRACE	.01	.02- 05	.06-10	.11 25	.26- 50	51-1 00	1 01-2 50	2 51 - 5 00	5 01-10 00	10 01-20 00	OVER 20 00		TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2 5 3 4	3 5-4 4	4 5-6 4	6 5 10 4	10 5-15 4	15 5-25 4	25 5-50 4	OVER 50 4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	ı	2	3	4.6	7.12	13-24	25-36	37 - 48	49.60	61-120	OVER 120	AMTS				
JAN	11.7	15.0	1.	4.3	2.5	3.2	1.5							13	۲ ،	. 44	1.65	T & .
FEB	F • 0	1 1 • •	^.7	5 • 2	3.3	3.5	1.7	• 3						15.7	756	•57	2.77	•
MAR	• ",	: •	7.5	4 • 3	3 . 4	2.7	1.4	• 4				-		14.7	775	.49	1.45	· A.,
APR	~ , • -	13.3	1 • 7	₹.6	2•€	2.9	1.	• 3					•	1.2.	700	.4?	1.13	• 0
MAY	-:	13.4	• ·	7	7.3	3.5	1.0	5					•	11.	775	.57	1.72	ل •
JUN	77.	3.1	1.0	4 • 3	1.7	2.0	1.	1.5	• '		•		•	13.	7 % _	.76	7.54	• .
JUL	•••		1.7	2 • 1	• -	1.7	1.7			•	•		•	6.	17 5	•25	1.04	•
AUG	. 7		•,7	7.1	1.5	1.7	• 5	. 4	• 1				•	• 2	744	. 35	1.76	4.
SEP	•	5.	1.2	1	1.1	2 • 1	• ^	• 2	•:				+	7 . 4	56	.31	1.00	•
ОСТ	. 7	•	1.	2.3	1.7	1 . 7	• 9	• 3						7.6	717	.34	2•."ι	• .
NOV	7 · • ^	11.2	, , ^	2.9	1 • 4	2 • 3	1.6	• 1			-			14.0	757	•45	1.50	•
DEC	· • = :	13.3	l.	u . n	2 • 0	2.8	• 7	• 1		!	i			13.0	6 <u>, 5</u>	.36	1.25	T - A C
ANNUAL	77.	11.	1.6	3 • 6	2.1	2.6	1.2	• 3	•		-		1	11.5	9732	5.23	$\overline{\mathbf{X}}$	X

DAILY AMOUNT!

PERCENTAGE FREQUENCY O

YEARS

						AM	อบค้าร (เ	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP	NONE	TRACE	.01	.0205	06-10	.1125	. 26- 50	.51-1.00	1.01-2.50	2 51-5.00	5 01-10 00	10.01-20.00	OVER 20 00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2 5-3 4	3 5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37 - 48	49-60	61-120	OVER 120	AMTS		,,,_,	UNIT TO THE PARTY OF THE PARTY	
JAN	•	1	1.3	1.6	• ~	• 3	• •	•1				1		4.5	6.52	1.	7	•
FEB		5	1.	2.5	1.	• 6	• 1			:		-		f • 1 ·	7 (5	1.2	1 • 1	•
MAR	٠ 6	1 .1	1.5	7.7	• u	. 4	• 1	• 1	:				•	5.00	775	1.7	3.7	•
APR	٠.	7.	1 . 7	1.7	• u	• 1	•—•	•					•	7.5	723	• \$	7.	•
MAY	•		• .	• 3				• 1						•	7.75	. 7	٠.	•
JUN	-7.	• 1								•					7501	17.40	FAAC :	-
JUL								!					•		775	• *	•	•
AUG	•						1			!		1		•	7 14 44	• "	•	
SEP	-7.	•	-					i					•	+	£ 6.3 h	14175	T 1. 4 5 "	
ост	٥ .	1.	• 1	•1	• :					:				• 4	713	• 1	. •	
NOV	•	4.	1.7	• 8	. 4	• 1	• 1						!	1.0	720.	• °	7	•
DEC	2 4 • *	1 .	~ • 1	1.4	. 7	• 1	• '	• 1	<u> </u>					4.	713	1.6	· · ·	•
NNUAL	•	4 . 4	, د .	. 9	. 3	• 1	• 1	• "	1		· · · · · · · · · · · · · · · · · · ·			2.4	` 7 33	٠.9	\searrow	$\overline{}$

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

57-80

STATION

STATION NAME

YEARS

						AM	OUÑTS (I	NCHES)						PERCENT		MON	ITHLY AMO	UNTS
PRECIP	NONE	TRACE	.01	.0205	.0610	.1125	.26 50	.51-1.00	1.01-2 50	2 51-5 00	5.01-10.00	10 01-20 00	OVER 20.00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2 5-3 4	3 5-4.4	4.5-6.4	6.5-10.4	10 5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25.36	37 - 48	49-60	61-120	OVER 120	AMTS			;	
JAN	•	7.	4 . 3	. 3	7.5	1.0								1 •1	€ 12		-	
FEB	•	₹ • ?	1.5	1.2	• 1			!						7.1	572		1	
MAR	• -	ر. ٦	• -	• ?		• 1	1			 	i		1	1.3	744			
APR	•	1.	• i	:	-						!			• 1	603			r
MAY		• !				• 1						:		• 1	775			
NUL	•										<u> </u>		:	••	750		 	<u> </u>
JUL				!		:			ļ		:		+		775		:	
AUG	:											,	1	1	744			
SEP	`•	•.						 	†i			.			· 6:			,
ост	٠.	•5	• 1				-					 		• ?	713		1 :	· · · · · ·
NOV	. 7	1.	• 1	. 8	• 1						-		!	1.7	753		!	
DEC	1 • 1 • 1	• 1	1 • •	1.2	• 7	• 7					 		İ	3.	6 ₹2			
ANNUAL	(· · · ·)	2.1	• 3	• 5	• 0	• ?					! !		*	1.7	9643			$\overline{\mathbf{x}}$

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN,	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
÷ 7											-28		
e .	. Ç. îs	. 21	• 14	•26	• 3C	• 53	-28	• ೧೮∣	.23	. 7	.09	.11	• 5 3
		.14	•:0		•30	•00	.02	1.75	•14	• 25	•00	-03	
	• 7	. 15	•11	• : ?	•02	<u></u>	16	<u>•</u> :0[03[.07	•52	.47	•52
2	• 1 5	. 2.2	.34	. 4	.33	• 50	•15	• > 5	•23	.20	• 25	.21	• 1.5
	. 3.2	79	• 2 3	• 31	.71	•57	.47	• .0	• 20	• 20	• 11	•00	• * 4
* 3	• : 7	. 33	•31	• 25	•2"	• 34	100	•35	-44	. 27	12	•50	• বলু
ن	<u> </u>	-10	. 4 -	.13	•62	. 54	. 23	-14	• ∵0	.24	• 78	1 ~	• • • •
5	• 1 =	.14	• 2.2	• 47	.85	• 23	. 23	• 5 6	• 2"	• 13	43	•16	• 8 5
t	• J ¥	.14	• 3 5	• 1 5	.12	• 30	•01	•4	.37	•00	•12	•61	•61
5 7	• 1 7	•05	• 3 3	• 30	.27	•51	.49	•13	1.20	.01	-44	•.70	7.2
· ·	0 5 - 1	• 4 5	•20	-54	.29	•23	.13	•73	- 37	•21	.22	•35	• 14
· · · ·	• 4	• 2 °	• 3 5	-15	.24	•51	•02	•00	•01	.22	. 27	-31	• 1.1
	•12	1	•22	• 35	-11	• ;7	- 33	•17	•00	• 30	•11	•14	. 07
1	. 4 -	• 2 6	•1 5	• 2]	.45	•10	.21	• 16		.40	•13		
7.7	- 99	• 25		-10	.17	• 56	• 77	•10	-57	•73	• 21	•10	•73
· {	• 4.0	.67	•1	• 1 3	.31 .03	• 15 • 34	• 77 • 27	. 3	.00 .00	• 1 3	•33 •48	•15	• ti 1
	1 2 5	. 7.6	•10	•27		• 45	• 27	-34	• 35	• 5 9	- 2	-54	.47
7 fr 7 fr	• * -{	• 2 3 • 3 3	•36 •15	•09 •25	•13 •05	65	41	.13	• 3 =	-51	7	•	•
7	•17	• 5 5	.04	•25	• 39	1.46	•17	• na	• 70	- 30	• 32	——#	
,	• 1 1	9	.51	53	.06	•03	0.2	60	- 25	• D3 [27	.21	
7,	•1	• 27	.53	.49	.14	•05	•17	• 23	.00	•05	15		- - - - -
	••	.30	.27	19	3 ?	• 03	20	54	-34	.08	. 39	.03	•
1	• 5	. 0	4-	• 32	•25	• 01	.01	• 0	80.	•24	,27	-36	,42
3			22	14	.11	1.02	72	•		• • •		-	
MEAN	.1:	. 2 7	• 2 7	•23	.27	• 30	•16	• 24	•27	•13	• 27	•10	.67
S.O.	•137	•188	•167	.194	.210	. 375	.140	• 3 1	• 28 2	•553	.140	•172	•
TOTAL OBS.	6 .2	706	775	720	775	750	775	744	66	713	757	582	5732

EXTREME VALUES

P FCIPITATI N

FROM DAILY OBSERVATIONS

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES VEHICLE ON LESS THAN FULL MONTHON

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
		·		• 62 • 52 • 53									PECTE
1													714 714
74					-					• 3 °			71807F
- 6												•0 *0	DIECIE DIECIE
-7												.4	P 8 8 3 P
7	• 3 ?	••											D & Y C TO
	. 7 €					,							PRECIE
	1 . 7							•01	• = ? /6	•54 36	• 2.8 16	•27 26	P75617 04Y1
		<u> </u>											
												<u></u>	
MEAN					<u> </u>								
S. D.			<u> </u>										
TOTAL OBS.						L			Ll		i		H

EXTREME VALUES

SHO FALL

FROM DAILY OBSERVATIONS

CTATION

STATION NAME

r /- g ^

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL
YEAR													MONTHS
5.7		_		_}							7.4	•	١
r .	• "	<u>. • </u>	1.4	• -	• [•3	•3	• 3		• 7	• ?	•	1.4
- ;	• 1	1 • 3	•	_	•	•3	• -	•3	• ,	• ;	• _	• _	
		- 1	• :	<u>• 7</u>	• 1	- 3	<u></u>	• 3	•	<u>• ?</u>	• •	•	• 1
1	•	• ^	1.0	•0	• 1	•0	• 0	•0	• ^	2.5	7.7	•)	3.
- •	3."	2.2	2.6			•3	<u>• ?</u>	• 2	0. • n		1.1	5.7	
3	•	•	3.3	2.5	•	• · · • G		•0	1	• 0	1.0		2.0
- 4	•	1.0	4 . 6	1.9	1.			• 0	•	• 0		1.	1.5
6		1.4	•,	-	1.0		• '' • J	.0	• 0	• 3	• 2) • 2)	2.4	2.4
6.7			7.3	2.0	-		• 3	• • • • • • • • • • • • • • • • • • • •	•		. 3		3.3
4	3	•	r.		:	•a		. 5		. 3	1	3.5	3.5
4 -	7.3	2.0	• 3	•	• 5	• 3	- 6	•0	ंत		• 7	1.1	3.3
	- 3	.5	2.2	. 1		.5	. 0	•0	• S	.0	. ~	•	2.3
71	4.7	2.5	1.5	. 5	• 17	- 0	• 5	•0		1.0	.0	3.4	
7.	0			1.0		• 3	• n	. 3	• 11	• 0	.0	1.0	1.
1 3	4.5	3.5	. 6		- 1	• 0		•0	• ^	• 7	• 1	.7	4.
- 14	. 7	- 1	1.0	• 6	• 1	• 0	• ว	.0	• • •		• 0	4.	
75	• 1	• £.	• 3	• 9	• 1	• 0	• 7	• 5	•0	• 3	, R	• *	. ;
⁻6	1.5	2.3	1.₽	• 6	• 0	• 3		• 3		. 3	• ?		ľ
-7	• 1	• 0	• 2	٠,	• 0	• 0	• 0	•3	• 1	• 5			
72		7.5	• 0	• 0	• 7	• C	• 0	• 5	• 0	• 1	2.7	2.1	i
7.5	1.	2.0	• 1	• 0	• 0		• 0	• 0	• 7	• 7	• ^	• "	2.5
ب ٠		• ^	• 0		• C	.0	•0	• C	• 🗅	• 0	• 0	• 7	
	• 7		• 5	• 0	• 0	• 3	• 1	• 0	• 1	• 3	• 1	• 1	• •
		7.7	1.2	• 2	• 3	•□	• 7						1
										-			
MEAN	1.1	1. 4	1.12	. 4 4	•31	.00	.30	• 70	•00	•13	. 55	1.17	7.≥3
S.D.	1.496	1.196	1.315	.729	1.276	.000	• 300	• 707	.500	•453			1.543
TOTAL OBS.	6 ∈?	706	775	727	775	ر 75	775	744	66^	713	720	713	2773

EXTREME VALUES

SMIT OF FEL (FROM DAILY OBSERVATIONS)

71.12

FALLON, NV

STATION NAME

57-87

YEARS

24 HOUR AMOUNTS IN INCHES VBASED ON LESS THAN FULL MONTHS/

MONTH			, ———						 7		r		T
YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
				• 1									28255EE
			 	?:							 		TROFFILE
•	Ì									3-		!	7145
5												•	SKIENT.
													DAVS
77	-				i						*3 *9	37	SAULET DAYS
7 :			 			 							SNOFALE
`	:3		}								1	:	25 4 €
	7.5												SHOPPLE
	12.0		<u></u>						1.0	• 3	1.7		DAYS
	10.0 10		}					• .1	75	26	76	26	7445
													
1			İ	}		}			-				
			 	ļi									
}			1					l		Í			
											L		
			}			}			{				
			 								·		
]										
			 		ļ <u>.</u>							· · · · · · · · · · · · · · · · · · ·	
				}							l l		
MEAN													
S.D.													
TOTAL OBS.			<u> </u>	l	L	L	L	ii			L		B

EXTREME VALUES

SNOV DERTH

FROM DAILY OBSERVATIONS

FALLIN, NI STATION NAME

YEARS

MATLY SNOW DEPTH IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
5, 7 E			•	1	,	r.	·	1		-1	1		1
3.7		?			7	ü	3	j	-		7		
i				- 0		7	0.00		5	7	2		
.:	7		_	~	n	ĵ.	e	.)	•	3	-		
3	1				^	7	0	J	3	7	7		
5				0	5			0 51		7	1	1	į.
-6		1		, ,		C	3	5	C	3	C	٠ ا	
57 E 0	1	,	,	j		7	ر د	3	3 (3	9	c. c	Ç 1.	
5.5		•	1	•	7	Ü	ר	3		5	.7	1	
71			1			0.0	0	7	- :	7	,		1
, ,	4	-	å	Š	اً ا	0	0.00	5		.) (:) C:		
- 3		1	î	3		0	C.	0	٦	::		,	
76	1		1	- 1		<u> </u>	د. د	<u>n</u>		7		•	
٠.	2	2	r		5	1	i al	5	,	- 1	τ.		
77		,	Ū	2 : 3	7	ני ני	0 0		2:12	0.0	7		
7;		- 3		n.			U.	- 3		3			
···		,		3		3		0	ĵ.	ū	:	- [
1	,	n 2:		j.	ι. ί	U C	0 0	3	73	J.	. 3	,	!
			<u> </u>										
		-											
MEAN	1.	- 5		•	• ?	•	. 7	•0	• 11	• 5	.4		. •
S D.	1. 5	044	1.173	•250	1.200	• 000	00°•	• ~ 0.0	•000	•203	• ² 10	1.540	1.535
TOTAL OBS.	6 . ?	670	744	697	775	75	775	744	667	713	750	680	3643

7	•	٠

EXTREME VALUES

SMY, DEPTH HEROM DAILY OBSERVATIONS:

STATION

STATION NAME

57-87

YEARS

DATEY SNOW DEPTH IN INCHOS

VRACCO ON LESS THAN FULL MONTHS/

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
÷ .,				ਹੈ 2ੈਨ									SED TETE
		27											TNT TPY
-;		-		?	-								CHO TRY
72												? 30	OLYS
74								-		3.0°			SAC DET
75													SNO EPT
77							-					1 10	DAYS
7													DAYS
	3												CNO DET
-	6 7.7							٦.	5	26	→6	26	SKO TRI
MEAN													
S D													
TOTAL OBS				[(ŀ	ł	!	l	}		

DAILY EXTREME AMOUNTS

TALLIN. H

STATION NAME

1 51-1962

YEARS

in area

MONTH

FFTPU4" V

MONTH

		MONTH									
DAY		ECIPITATIO GREATEST	N		OWFALL REATEST						
UAT	INCHES	MM	DATE	INCHES	MM	DATE					
1	7	- 6	1-71	2 - 3	5 8	1671					
2		•	1,28. *		7	1.77					
3	• 2	6	1033	2•	51	1 73					
4	• 1	1	1000	• 1	3	1 82					
5	• 3	?5	1757	1 . 3	254	1.87					
6	• 5	2	1775	^•6	15	1965					
7	• 1.4	3	1071	. 3	Ď	1979					
8	• 7.7	5	1773	7 •	51	1973					
9	• ! ?	5	1776	1.5	41	1976					
10	• 71	1	1973	5.5	1.7	1973					
11	1	19	1042	7.5	191	198					
12	• 3		1952	3.	76	1952					
13	1 . 1	12	1371	4 . 7	119	1971					
14	• 1 1	3	177	+	Ţ	1782					
15	.13	3	1273	3.7	13	1 65					
16	• 1	5	1077								
17	•2	7	104	7	7	``€``					
18	- 71		1077	-	T	1787					
19	.32		1279	1.3	5	1 87					
20	•1	4	1774	1.2	3	1.62					
21	•1.7	1.7	1973	4.	102	1173					
22	•1	4	1077	~ · 4	1~	1965					
23	•11	4	1055		1	1076					
24	- 3 3		1969	3.3	34	1760					
25	3.31		1060	7.5	13	1270					
26	• •	12	1063	€.2	5	1973					
27	-57	7	1081	-	Ť	1 8 3					
28	-21	2	1272	7.9	23	1 777					
29	-34	স	1037	3.4	76	198					
30	-31		1968	3.5	87	1963					
31	1 .11	4	1763	5.5	13	1979					
Monthly	1	75	1262	17.0	254	1.82					

DAY		ECIPITATIO GREATEST			NOWFALL GREATEST	
DAT	INCHES	MM	DATE	INCHES	MM	DATE
1	0.30		1943	•	1	17700
2	0. 2	6	1761	2.0	51	1:79
3	0.25	7	1958	Ŧ	7	1 28 23
4	0.71	7	1976	2.5	71	1976
5	7.0	1	1972	•	T	1 273+
6	0.13	3	1976	1.6	41	1776
7	7.07	2	1973	0.5	13	1076
8	0.0	5	1082	2.0	51	1782
9	0.37	9	1070	0.9	23	1976
10	3.7-	25	1952	1.4	3.6	1766
11	0.67	17	1973	3.5	99	1373
12	3.12	3	176R	0.4	10	1 - 5 6
13	0.33	-	1967	3.€	76	1973
14	0.07	2	1969	0.1	3	1 75
15	0.7	6	1769	0.4	10	1744
16	0.14	4	1959	0.1	3	1 70
17	0.10	3	1000	Ŧ	7	1361
18	0.2c	7	1962	1.9	4.9	1762
19	0.29	7	1969	2.8	71	1767
20	2.77	2	17790	7.7	13	1360
21	3.30	.2	1980	3.7	18	14.2
22	0.17	4	1968	7	Ť	1771
23	0.01	1	1363	0.7	19	1362
24	0.15	4	1960	1.6	41	1069
25	0.2	6	1052	2.2	56	1~62
26	0.09	2	1360	0.9	23	1569
27	3.12	3	1971	1.2	3.0	1571
28	0.25	6	1971	2.5	64	1971
29		T	1975			
30						
31				J		
Monthly	0.70	20	1962	3.5	89	1973
			4			للنسف

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DAILY EXTREME AMOUNTS

FALL N. No

1 151-1182

STATION NAME

YEARS

44.0

MONTH

547		ECIPITATIO GREATEST		SNOWFALL GREATEST			
DAY	INCHES	MM	DATE	INCHES	ММ	DATE	
1	7. 2	- 6	1772	9.1	3	1 77	
2	7.34		1761	1.0	25	1 ^6 1	
3	7.33		1967	3.3	9.4	1967	
4	7.72	6	1777	2.2	56	1:77	
5	7.3	9	1975	0.3		1977	
6	7.5	7	1962	1.4	36	1758	
7	. 11	3	1975	0.5	13	1083	
8	ા. `∪	5	1768		T	1"7	
9	7.2	7	1973	2.6	5 6	1967	
10	• ^ \	2	1079	O • ·	15	1069	
11	• 2	6	1582	ه و يا	20	1 7?	
12	• 2	6	1-670	7.6	1 =	1 771	
13	• 1	! ^	1981	3.5	13	10819	
14		?	1087	•	T	1 63	
15	• 1	1 3	1273	,	T	1079	
16	• !	5	1967	• 2	13	1950	
17	•	1.	1003	3.	97	1663	
18	•-		1022	- £	2 '	1782	
19	• ? :	_ 1	1731		Ť	1782	
20	• 1	4	1277	• 3		1773	
21	• 1	3	1~79		Ţ	1 8	
22	• 3 3		1960	3.3	ું ધ્	1964	
23	• •	12	1764	4 • છ	122	1564	
24	• 7 7	2	10750	^.7	1 5	1965	
25	.0.		1:71			1975	
26	3·	1	10013	-	<u> </u>	1 281	
27	• 1	5	1076	1.3	46	1.776	
28	•	16	1779	• 1	3	1:73	
29	• 1	5	1070	*	7	81	
30	• -	1	1973		T	1 77	
31	• 1	13	1073	1.2	3	1 8 ?	
Monthly	• 1	16	1 ~ 70	4	122	1-64	

			MO	NTH			
DAY		ECIPITATION PREST		SNOWFALL GREATEST			
UA I	INCHES	мм	DATE	INCHES	ММ	DATE	
1	4	21	1060	1 • 2	3	17674	
2	7.04	1	1967	4	17	1967	
3	.24	7	1050	્રે • દે	15	1074	
4	0.30	3	1967				
5	^.1	5	1064	1.8	46	1 4	
6	2.08	2	1955		3	1 75	
7	7.20	5	1271	3.€	15	1:75	
8	0.22	6	1778	7	7	1 75	
9	0.03	1	1366	7	7	1 79	
10		7	1982	7	T	1.65	
11	0.47	12	1965	1 •	25	1-67	
12	3.10	3	1777	1.	25	1 72	
13	0.03	2	1973	7	7	1176	
14	0.1	3	1773	7	Ť	1978	
15	0.01	2	1276	0.€	15	1276	
16	0.2	6	1063	2.2	5.6	1063	
17	0.1	4	1966	0.1	3	: 163	
18	0.72		1981	0.4	10	1767	
19	0.27	7	1974	2.€	- 6	1963	
20	0.14	4	1963	1.4	76	1963	
21	7.1%	5	1955	7	Ţ	1 67	
22	0.14	4	1964	1	26	1364	
23	0.19	5	1080	•	Ţ	1579	
24	0.30	,	1967	2.0	51	1:67	
25	3. 3	13	1978	0.1	3	1975	
26	9.49	12	1:72	Ţ	T	1975	
27	0.03	1	170	7	1	10770	
28	3.31	1	1065	7	T	1277	
29		1	1070	Ţ	7	1 67	
30	0.07	2	1279	7	7	1 67	
31							
Monthly	0 • 4	21	1968	2.6	66	1963	

^{*} ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DAILY EXTREME AMOUNTS

STATION STATION 1 -5 -1 182 STATION NAME YEARS

			MON	ITH			
5.4.		ECIPITATION GREATEST	ON	SNOWFALL GREATEST			
DAY	INCHES	MM	DATE	INCHES	ММ	DATE	
1	•	: 0	1277	0. A	27	1964	
2	7	T	10730	•	1	1650	
3	. 4	: 1	1971				
4	• 7	2	1969	3.1	3	1 75	
5	7. 3	16	1054	5.0	152	1764	
6	• 1	5	1 7 7 1	-	7	1 77	
7	^. 12		1380		_ T	1779:	
8	7.	6	1777	•	T	, 70	
_ 9	3	•	1977	•	T	1 82*	
10	•1	5	1363	3.3	:	1787	
11	7.70	-	1020				
12	•	1.7	1077	, , , , , , , , , , , , , , , , , , ,	Ţ	1 61	
13	•1	4	1763				
14	• 1	. 3	1363	-	7	1.16.7	
15	- 1	4	1060				
16	.1.	3	1731				
17	· ·	-	1707	-	7	1 77	
18	•11	3	1-53				
19	^.1	3	17814				
20	1.	6	1361	-	T	1.75	
21	7.2	7	1971		7	71	
22	•	2.2	19(5				
23	7.07	1	176	-	7	1 /8	
24	7.70		1362				
25	•1	5	1754				
26	~ - 4	14	1064				
27	1.34	7	1971				
28	1.0	2	1262				
29	~.17	4	19:1				
30	•1	4	1300				
31	~ . ? ?		1041		+	1 67	
Monthly	•	2.2	1965	6.3	152	1 64	

			мо	NTH.		
DAY		ECIPITATION PREATEST			NOWFALI GREATEST	
DAY	INCHES	ММ	DATE	INCHES	MM	DATE
1		1 3	1961]		
2	7.39	2	1972			
3	`•∴0	5	1767			
4	1.15	_3	1971			
5	7.1	13	1967			
6	• 1	5	1972			
7	`•3€	13	1967			
8	~ 4	14	1964			
9	1.4:	37	1977			
10	^ · 5	17	1976			
11	~ · 3	13	1758	1		†———
12	~ - 3	13	1058			1
13	~ • 1 F.	4	175F			
14	7.57	14	1962	1		
15	10.		1962			
16	7.2	6	1369			
17	1	5	1065	+ 1	T	1979
18	7.4	11	1975			<u> </u>
19	. 2	23	1757			
20	7.07	2	1760			
21	7.04	1	1976	 		
22	0.02	1	1982	ļ — — †		
23	1.01		1269	 		
24	7.07	2	1282	1		1
25	7.00		1366	t - t		1
26	0.0	1	1971	 		1
27	. 7	25	197	 		
28	. 2	21	1087	 		
29	1.	27	1982	 		
30		2	1982	 		1
31	 			 		
Monthly	1.45	37	1977	+		1.79

ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DAILY EXTREME AMOUNTS

TALLIN, NY

STATION

STATION NAME

1 151-1952

YEARS

J:,!, Y

			MON	117			
DAY		ECIPITATIO GREATEST	ON	SNOWFALL GREATEST			
DAT	INCHES	MM	DATE	INCHES	ММ	DATE	
1	• i	5	172				
2	• 7 1	1	1 - 3				
3	• ^	1	1061				
4	• 1	2	1761				
5	•!	5	197				
6	,	-	10324				
7			1750×				
8	• 0	1	1767				
9	• 1 •	2	1974				
10	• 3 3		1977				
11	•3	1	1 64				
12	. 4	12	1362				
13	• 7.7	5	178				
14	•	• •	1 "				
15	• 7	1	1767				
16	• 1.	12	1967				
17	• ?	7	1050				
18	• 1	3	1 7				
19	• !	5	1071				
20	•. 1	5	1 71				
21	• 5.4	1	1372				
22	• • •	1	1 7 7 9 4				
23	• 1	1	1 7 7 4				
24		2	1 776				
25	• ! 1	3	1,40				
26	7		1 470				
27	• ~	1	1061				
28	• 1		175				
29		1	106.				
30	• 2	6	1065				
31	• *4	9	107%				
Monthly		12	1767				

-	A	~ ω MOI	ST NTH	_
PRECIPITATION GREATEST				

DAY		ECIPITATI GREATEST			NOWFALI GREATEST	
DAY	INCHES	MM	DATE	INCHES	MM	DATE
1	0.27	7	1974			1
2	7.02	1	1:74			
3	0.0.	1	1976			
4	0.02	1	1777			
5	0.01	1	1-74			L
6	0.5	14	1961			
7	0.0-	2	1961			
8	7.07	2	1961			
9	0.n.	1	1963			
10	0.12	3	1061		-	
11	0.10	3	1270			
12	7.1.	5	1 770			
13	0.13	13	1062]
14	0.1	4	1965			
15	0.01	2	1976			
16	7.10	7	1265			
17	3.50	. 4	1965			
18	0.14	4	197€			
19	1. '5	44	1350			
20	0.11	3	1 75			
21	3.1	4	1761			
22	0.1	3	1976			I
23	0.01		1740			
24	0.1:	3	1267			
25	0.07	2	1361			
26	3.14	4	1971			
27	0.01	1	1075			L
28	0.07	1	1070			
29	0.33		1979			
30	0.32	1	1979			
31	0.19	4	1764			
Monthly	1. 5	44	1950			

* ALSO ON EARLIER YEARS
T -- TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DAILY EXTREME AMOUNTS

, -	TOLL ME ME	1 7 7-1782
STATION	STATION NAME	YEARS
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ា ល់ឃ្វាក់ក្តួ MONTH

1 67

1.0

				NTH .			
		CIPITATIO		SNOWFALL GREATEST			
DAY	INCHES	ММ	DATE	INCHES	MM	DATE	
1	0.	19	1972				
2	• 1	21	1076				
3	.31		1974				
4		2	1774				
5	7.7.3		1967				
6		T	1075				
7_	1.00	5	1"77				
8	27	7	1274				
9	.10	3	1972				
10	. 24	6	1081	I I			
11	.37	0	1063				
12	1.10	3	1981	7	*	٤ 1	
13	7.1	- 5	1769				
14	7.05	1	1060				
15	^ · `Z	6	1360	7	Ŧ	1 57	
16	~.30	1.	1071	T	T	1 : 7 ? :	
17	- + 0	10	1771				
18	7.17	4	1260				
19	~ · · · ·	12	1972				
20	^ • ÷ 0	10	1972				
21	•	1	1082				
22	7.01		1132	7	•	1 7'	
23	7.0	1	1977				
24	0.07	2	1771				
25	•11	3	15+2				
26	• 1	5	17.52				
27	םי.	5	1761	2.	ε ,	1361	
28	•17	3	1074	T	ī	1381	
29	^ • 2 €	7	1974	1			
30	D. 4	14	1982	1.1	3	1 7 1	
31	3.17	4	1974	1	•	; 773	
Monthly	7. 1	21	1976	2.0	51	1'61	

* ALSO ON EARLIER YEARS

33 : 782

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

30 31

Monthly

DAILY EXTREME AMOUNTS

STATION NAME

1 57-1-32

YEARS

N EMETS

			1OM	N 1 m		
DAY		CIPITATIO GREATEST			OWFALL REATEST	
UAT	INCHES	мм	DATE	INCHES	ММ	DATE
1	•	1	3034			
2	0.5	1	1065	- "	Ť	: ^5 *
3	0.12	6	1 76 5	3.2	5	1 57
4	^ • ·	6	1957	?.4	61	1957
5	•	2	1067:	- [T	: 77
6	•	13	134			
7	• 1	3	1785			
8	• ~	1	1074	- (7	. 8.7
9	•5	2	1 7 7	- 1	3	1 50
10	•:	4	: 778	1.	3 3	: 7
11	• `	1	1 75 7	2.3	5	7.9
12	• :	5	1 71	1.1	2.0	1 7 7 2
13	• 7	77	10010	2.7	80	: 273
14	• 3.4	- 4	1935	•	7	1959
15	•~	2	1 150	• 3	2 ?	1.50
16	• :	1.1	1265	1 - 1	2	1052
17	•	1	1273	7.1	7	1.6?
18	. 4	: 1	1267		Ţ	1 7 7
19	• ^	1	1767		•	7.7
20	7.	6	1961	3.7	94	1961
21	7.0	1	1978		Τ	1:77
22	• 7	7	1 ~	3.4	10	128.
23	•	? 1	105=	9.1	7	1 73
24	•	1	1	-	T	7.
25	• :	3	17/1	• 1	7	. 6 4
26	• 1		1 -1	• 1	•	i 31
27	• •	3	1167	• 1	2 ~	1 7-
28	•	1	12/2	• 1	1	1567
29	• 11	3	7		Ţ	1 71
30	• • •	7	1202		7	1 71
31						
/onthly		1 3	1 ~ ~	3.7	24	. 6!

			MO	NTH		
		ECIPITATI GREATEST			SNOWFALL GREATEST	-
DAY	INCHES	ММ	DATE	INCHES	MM	DATE
1	• 2	1.1	196	7.1	2	1:62
2	• 1	r.	1 51	7	+	10000
3	1.0	1	1 ~ 2 .	7	7	15.7
4	-12	3	1 74		15	1764
5	7.1.	5	1-66	1.5	2 ?	1 64
6	7.1	15	1766	- 1	Ť	7
7	5.02	1	1:72	•	ς,	: 7.7
8	7.11	4	1360		•	
9	7. C	13	1263	٤.	127	1958
10	0.01	1	1261	7.5	1.7	1.51
11	0.12	3	1764		-	77
12	0.1	4	1262	3.6	1.5	1 72
13	0.0	1	1 ~ 7 "	0.3	7	1075
14	7.10	3	1 ~ 7 ?	1.0	25	1972
15	7.0	1	1077	0.2	Ė	1 : "
16	0.01	2	1757	0.2	5	1:7"
17	0.73	7	1277	3.3	;	1969
18	.10	3	1 - 7 -	1.0	25	170
19	. 3		1060	3.	F %	1.16.1
20	• 31		1360		•	1 -
21	• 1	4	1750	•	•	: :1:
22	`•2 '	6	1087	• 1	7_	1 65
23	0.24	7	1277			•
24	0.0:	1	1762	7		; 1
25	0.04	6	1966	2 • 4	<u>, 1</u>	1976
26	0.031	1	1:56	7	Ť	3 5 7 7 L
27	0.4	11	1977	3.4	6	1971
28	0.2	6	1:77	1.0	4.1	1-74
29	2.14	4	1371	1.5	٠٩	1771
30	7.0	10	1974	4	152	1 74
31	7.07	2	1273	2.7	1 4	1274
Monthly	. 1	1.5	1956	5.	127	10-8

[·] ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:
 - (1) Annual all hours combined
 - (2) By month all hours combined
 - (3) By month by standard 3-hour groups
- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

C - 1

EXTREME VALUES

STREACE LINES

STATION NAME

YEARS

DATE ! DAN GUSTS IN KNOTS

MONTH	JAN.		FEB.		MA	R.	АР	R.	M.	AY	J	UN.	J	UL.	A	UG.	SE	₽.	00	CT.	NO	v.	D	EC.	AL MON	
	-	3 5	 S	ц <u>6</u>	55:	ξn		46	S *	44	5. W	74	4 N 4	3.2	T 5 E	ţu	ENE	3.1		17		, ,	2 Z M	20	۲,	-
		3 2 5			454	47	14.4		J 5 J		CE		5.5 w		4 S W		55.		17	76	_	35	I	4.2	- एड्र	4
Ì		2 7		4.3	W T. in	4 "	SSF		ς. _₩		h N h		-				SS.	36			152		555	3.6	¥54	
<u> </u>	 -			3 3		41	5		WIN		, S			3.2		4	NS.	31			15%	34	-	4 .	-	ti i
	55. 4	155	w .	79	NA	47	l.i	50	11.30	4 🗅	NE	31	4 °C #	31	. ٧ 🖫	33	55.	46	E5#	421	i	30	25	7.5	<u> </u>	
-		,	4	ر د	Six	43	S	42	1. S 18	35	ST.	40	a .	35	5 ₩		154	43	NW	42	۲.	19		7.7	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
4	35. 6	1312		20	W	30	5	40	ui i	40	s w	3 8	S '√	32		38	15	31	- 12 W	27	15%	73		4 -	55.	·
5	5.	. 4 .4		35	<u> </u>	32	, C w	3.7	W	3 %	SF	37	SĒ	33	555	46	V.W	29	-	34		28	•	4	टुइट	4,
6	1	5 DN		4 D	W	44	is.	35	558	3.6		29	s ⊹	37	է,	3.8	NE	29		33	\$ √	400	S = #	34		٠. د
4. "	, 5	3 6 S	¥	36	-	3 =	1. C W	33	S 🕶	42	N	3.8	5 %	39	n Pi W	.13	S.E.	37	-	43	ī.	3.8	5 /1	1	- ^	-
		7 7 N		3.3	5	4.3	1	31	(a)	28	N	30	<u>.</u>	41	5 ¥	41	N W	31	5.~	35	į.	4.7	\$ S w	3 1	٠.	
		445		3.3	H	37	w " W	39	74	50	•	35	5 ':	34	5 S E	32	:W	54	-	341	:	. 4	5 K	37	5	
• •		15		<u> 7 7 </u>	N T	35	<u>S.</u>	41	į,	32	N .	3.8	N .	42	25	.22	iΕ	35		27	5 *	34	5 ₩	34	100	4
- 1		3 1 3	3 1	4 3	23	46	27	33	35	30	I .	33	32	41					3 %	34			7	4		
. 5		352		3 = 1		37	24	33			7.1	42	3 🕆	23	1,2	29	35	31	34	4 ~	73	23	27	33	l	
	1 "	3 7 2	1	2 7	2 ?	33	33	34	25	47	30	31	1.2	35	24	38	1 -	32		35	2 र	36	21	5	- 21	
14		3 7 2		4 9		40		45		34		_ 40	21	41	36	3.8	r -	25		26	ļĢ	31	29	2.1	21	4
٠٠	?7	3 🕌	٤	7	2 p	41	2 7	4 1	2 8	_	24	44	30	36	г .	37		33	27	31			34	37		
75		2 n 2		4 7		41		40			23	2.3		32	25	31			11	2 7	35	2.7	3.2	2.7		
7	1 -	3 2 3		3.5	_	45	-		5 0	3.5	22	35	ı	33	I -	3 D	li .		27	31			2.6	36		
7		352		35		31		33			L		24	47		39	1		01	25			3.5	3		
7.		3 7 2	_	3 3		34					22	-	24	58	Γ -	35	_	26			24	33	Γ	37		
J		352	4	3.3			26	37			27	34		3 ()		35		24		32			٠,	3.1	L	
1	1 -	3 2		_	_		29	31					F 7	40	r	42	13	3.4	23	33	I.A	3 8	P. 1	47]	
	21 1	442	5	36	26	40	Z f.	55	01_	3 8	21	42	14	28												
MEAN	36		37			0.4		9.1		7.4		6.0		• 5		5.4		5.0		उ.य		• 2	3 (1	Κ.
S D.	• 3 (5.8	* *	<u></u>	203		195		247	5.	769		173		719		324		717		20		- (E 34
TOTAL OBS	<i>!</i>	7 1	6	'4	ı	706		718		619	\	690	· -	771	_	71.	I	575		1.3		96		185	P	2

SMOS

STATION

EXTREME VALUES

3 197468 211.05 FROM DAILY OBSERVATIONS

STATION

STATION NAME

YEARS

DATEM PEAK GUSTMIN KNOTS MHACOD ON LESS THAN OUR OBSERVATIONS FOR MONTHA

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL,	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
								1 ° 35			25 47 15		RITE TE
`					33 46								7 1 4 % 7 2 4 %
:											21 31 25		A1405 DAYS
7									26 25		24 42 15		#1505 0245
71					24 4 1 in	15 28			32 3 6		01 30		0.4 Y \
7.				79 33 72	22 41					7 35 22			#740° CAYS
,			32 31		24 3 6						24 33 10		WINDS DAYS
i						29 43 23							wite.
· · · ·								1 7 34 74	36 35 26	24 32 22	27 36 4		214C
												•	
MEAN													
S D													
TOTAL OBS.					1			I					

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11.52	CALL	0, NV					73						J	AN
STATION			STATIO	NAME						EARS				HONTH
						ALL WE	ATHER						(01
		_				•	LASS						HOUR	8 (L S T)
		-				COA	BITION							
	SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
	N		190.3						_				100.0	4.0
	NNE													
	NE													
	ENE											1.		
	· ·													
	ESE								l					
	S.E													
	SSE													
	5										<u> </u>		1	
	35W												1	
	sw												1	
	wsw					<u> </u>		L	<u> </u>				1	
			1		<u> </u>	<u></u>	L				<u> </u>	ļ	1	<u> </u>
	WWW		<u> </u>			L					<u> </u>		1	
	NW		ļ										1	
	NNW	<u> </u>											4	L
	VARBL													
	CALM	$\geq \leq$	> <	$>\!\!<$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><	$\geq \leq$	><	•3	
			60-3										190.0	4.5

TOTAL NUMBER OF OBSERVATIONS

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

27172	FALLIN, NV	7.7	JAN
STATION	STATION HAME	YEARS	MONTH
		MLL WEATHER	74
		CLASS	HOURE IL S T
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N													
MME													
NE		59.0				}						50.0	1.0
ENE													
E													
ESE	I								Ĺ	<u></u>			
SE													
SSE												<u>] </u>	
\$													
\$\$W										L			
SW													
WSW	50 € 1								<u> </u>			50.7	7.0
w								<u></u>	<u> </u>				
WNW													
NW	I								Ĺ	ļ	Ĺ		
NNW	[
YARBL													
CALM	$\triangleright\!\!<$	$>\!\!<$	><	><	><	$>\!\!<$	$>\!\!<$	><	><	><	><	• 73	
 -	50.0	50.0										100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

_

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

771: T	FALL ING NY	73+52	بهرل
STATION	BUAN HOLTAYS	YEARS	MONTH
		ALL REATHER	5 7
		CLASS	HOURS (L S T
		COMSITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	1.7	• 7									3.5	4.8
NNE		• ₹										• 7	4.5
NE	1.7	. 7	• 7									2.3	. 9
ENE	7	• ?	• 3									1.0	4.7
E	2.7		• 7									3.5	2.3
ESE	2.5	1.3										3.3	3.3
SE	2.5	• 7	• 7	• 3								3.7	4.6
SSE	3.3	1.3	1.	2.0	. 7							8.3	7.3
5	4.7	1.7	1.	1.3								8.6	5.4
SSW	. 7	• 7		• 3								4.0	3.ñ
sw	7.0	• 7		• 7								3	4.4
WSW	2.7	• 1										2.7	2.7
w	2.3	1.7		• ?								4.3	3.8
WNW			• .									• 3	9.0
NW	1.7	2.0		. 3				1			-	3.1	4 . 8
NNW	3.7	1. 7		• 3								3.7	4.3
VARSL									Ī ———				
CALM	$\supset \subset$	> <	>>	$\supset \subset$	>>	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	> <	45.	
	37.€	14.2	5.1	5.4	• 7							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS

301

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- T 1 Z	FALLING MV	73-02	JAN
NOTATE	BRAN NOITATE	YEARS	MONTH
		BLL WEATHER	10
		CLASS	MOURS (LST)
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4+6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEAN WIND SPEED
N	7.7	₹.0	1.3	• 3	, ?							7.9	5.1
NNE	2.00	1.0	• 3	• 3								4.3	4.0
NE	1.7	• 3										1.€	2.6
ENE	2.3	. 7										3.5	2.5
£	2.0		7.	• 3								2.6	4.3
ESE	3 . 7	. 7										2.0	3.3
SE	₹.6	:. 5	1.7	.7								7.5	4.6
358	4.0	3.6	1.	1.7	• 3	. 3						11.2	5.5
\$	3.3	3.11	7.0	1.3	. 7							10.2	6.9
SSW	2.5	1.3	• 7	. 7								3.9	4.8
SW	1.3	• 3		• 3								2.0	4.5
WSW	• 7	• 7										1.7	4.0
W	1.3	1.7	• 7	• 3								7.3	5.2
WNW	. 7	, 3	• 3									1.7	4.5
NW	1.0	• 3	• 7	. 3								2.3	5.1
NNW	1,7	1 • f	• ₹	. 7								3.5	6.0
VARBL													
CALM	$\supset <$	$\supset <$	$\supset <$	><	$\supset <$	$>\!\!<$	><	$\triangleright <$	$\geq \leq$	><	><	31.9	
	32.4	19.7	3.2	5.9	1.3	•						170.0	3.5

TOTAL NUMBER OF OBSERVATIONS

304

SMO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

9 11 12	FALLING NS	73-%2	JAM
STATION	STATION MAME	YEARS	MONTH
		FLL SCATHER	13
		CLASS	HOURS (L.S.T.)
		COMPLYION	

SPEED (KNTS) DIR.	1 - 3	4-4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
N	<u>: و ن</u>	3.6	• 7	1.2	, ,							12.7	5 . r
NNE	7.9	2.2	. 7					L				6.4	3.7
NE	3. 7	3.0	7									7.5	3.0
ENE	2.3	1.5	3					<u> </u>				4.7	4 , 5
E	اهمنا	7										2.6	4 .
ESE	1.3	1.2		3								2.6	5.
SE	7	1.5		7	• 7							3.6	3 .
SSE	1.3	10.		. 7		ŕ						3.9	7.
\$	3.3	3.0	2.3	1.3	- 3							2.5	7.
SSW	1.0	3	LaC	3	. 3							1.7	7.
SW	1.6	7	3	7								2.3	6.
WSW	7	7		7								1.6	5.
w	7	7	1.2	7								2.0	7.
WW	1.0	7	. 7	1.0								3.7	7,
NW	2.5	1.0		. 3	. 3							3 o é	Ę.
NNW	3.5	1.5	1.0	7								6.2	4.
VARBL													
CALM	$\supset <$	\times	\times	\times	>>	> <	> <	$\geq <$	><	><	$\geq \leq$	23.7	
	32.6	22.7	9.6	3.2	2.3	. 7						100.C	4.

TOTAL NUMBER OF OBSERVATIONS 304

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

971 12	FALLOW, NV	73= t a	J A *:
STATION	STATION HAME	YEARS	HONTR
		SEE WEATHER	16
		CLASS	HOURS (L S T
			
		COMSITION	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	7.9	7.7	1.7								17 ° c	5.1
NNE	5.0	6.3	7.7									14.5	4.6
NE	7.7	5.5	2.5					L				10.5	4.5
ENE	1.7	2.3	1.00									5.0	4.5
ŧ	2.0	3	• 7									3.3	4 <u>. (</u> ,
ESE	7	1.0	1.5									2.6	5.5
SE		2.3		7	. 3							3.0	7.4
35E	1.0	1.7	1.3	3	3				<u> </u>			4.5	7.6
\$	أدود	1.3	2	3								5.3	6.1
\$5W	. 3		. 7	₹.								1.7	٤.5
SW	. 7	7		. 7	7							2.3	P . 7
wsw	7											• 7	2.5
	. 7		7	1.0	7							3.5	0.4
WNW	1.7	7	. ₹					ł				2.0	4.5
NW	. 3	1.7	1.3									3.3	5.9
NNW	3.5	2.0	1.3	, 7	***				L			6.7	5.3
VARBL													
CALM	$\supset <$	> <	> <	><	$>\!\!<$	><	><	><	$\geq <$	$\supset <$	><	14.7	
	25.4	33.7	19.1	4.6	2.0							100.2	4.8

TOTAL NUMBER OF DESERVATIONS 303

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> </u>	FALLING SI	<u> </u>	ينهن ي
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1.0
		¢LA96	MOURS (L S T
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	9 н	1.3	. 3	. 7								11.1	3.2
MME	5.1	1.7										7.7	2.5
NE	£ . 7	7										7.4	2.5
ENE	1.7	1.1					l			L		3.3	3.1
E	1.7	7		7					<u> </u>			2.4	3.7
ESE	7	3	7			L			L	L		1.7	5.2
SE	1.7	1.1	7		3							3.7	5.2
SSE	- 3	2.4	- 3	1	3.							4.4	7.7
\$	1.7	2.4	7	7								5.1	5.3
ssw		. 2	. 7		[<u> </u>	Ĺ	Ĺ		<u> </u>		3.4	3.5
SW	2 4	3								<u></u>		2.7	2.9
WSW		7					<u> </u>		<u> </u>			1.7	2.8
w	10.	, 7	• 7									2.4	4.4
WNW	1.5	1.5			L					L		2.4	4.3
NW	1.3	. 3	1.0	• 2								3.0	5.9
NNW	Ç . 14	1.7	1.7						<u> </u>			4.7	4.5
VARBL									L				
CALM	><	$>\!\!<$	\times	$>\!\!<$	$\geq \leq$	><	33.3						
	42.1	16.3	€ • 4	2.7	. 7							100.5	2.7

TOTAL NUMBER OF OBSERVATIONS 207

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	1 10 E 10 & M 2	73-7),80-	·3?	J & ℃
STATION	STATION MARK		YEARS	HONTH
		ALL WEATHER		2.2
		CLA96		HOURS (L S T
		COMPITION		

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	1.7	2.1	l.									4 .	4.7
NNE	3.1	-					L					3.	7.5
NE	<u>/a.l</u>											1	
ENE												i.	7.0
E	2.1											2 o t.	?•`
ESE	٠,	1.3	14				L					2.6	4.3
SE	2.2	٤		g /}	L							3.4	4
358	4 . 3	1.7	1.7	9.4								8.2	4.5
5	1.04	***	.7	. 3	. 6							12.4	5.0
\$\$W	7 te											4.3	2.7
SW	. 5								<u> </u>			? • `	3.0
wsw		1.										1 • 7	4.3
W	1.7	. 4	•4			L	Ĺ		Ĺ			2.0	3.3
WNW		ن و	, 4		L							1.	5.7
NW	9	*		9				I	<u> </u>			2.1	7
NNW	4 . 3	74	1.7	l	l			L	L			E?	4.3
VARBL								L					
CALM	\times	$>\!\!<$	$>\!\!<$	><	><	$\geq <$	$\geq \leq$	$\geq \leq$	><	><	><	78.	
	30.1	16.7	E . 4	2.6	. 9							170.0	2.5

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3-1-2	FILE W. N.	73-12		JAI
STATION	STATION NAME		YEARS	нумун
		ALL HEATHER		» L L
		CLARG		HOURE (L S T
		COMPITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	4 . 6	3.2	1.1									9.4	4.7
NNE	3.4	2.1	. 7	-1								6.3	3.5
NE	7 3	2.5	1									5.5	1.6
ENE	1.0	1.1	, 7									2.9	3.9
ŧ	1.0		,	2								2.7	3.6
ESE	1.1	1.0		1								2.5	4.4
SE	1.4	1.4	, S	• 4	. ?							4.2	5.5
SSE		1.	1.:	Ġ.	3							b • 6	6.4
3	7.2	7.4	1.5	c	. 3	- 1						8.4	6.1
SSW	143	_ é	į		1							3.3	4.4
SW	1.45	u		- 4	1							Zet	<u> </u>
W2M	9	£.		1					L			1.5	3.7
w	3.7	Ċ		ڼ	• 1							3.	_ ≥ • ₫
WNW	. 7			• 2								1.	· . 5
NW	1.1	1.0	10	?	. 1							3.	<u> 5</u> 9
NNW	2.5	1.5	O	. 4								£ • 4	
VARBL												I	
CALM	><	><	><	\times	\times	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	><		15.7	
	32.7	25.9	9.7	5.0	1.3	2						170.5	, ,

TOTAL NUMBER OF OBSERVATIONS

7,74

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u>.</u>	FALL	, No		7 L, station hame years								HONTH		
TION			\$141101						,	LATS				
		-				ALL WE	LASS						HOUR	<u> </u>
		_				ços	ID!TION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
1						ļ	ļ						 	3FEED
	N	ļ	ļ		ļ		ļ	 			 			
	NNE	ļ			ļ				 					
	NE		ļ		ļ		ļ				 		i	,
j	ENE		1		ļ		ļ	·	<u> </u>			<u> </u>		
	E				ļ								1	<u> </u>
	ESE		<u> </u>		<u> </u>		<u> </u>	·					1	·
į	SE							Í					L	·
ļ	358				<u> </u>		<u> </u>		<u> </u>			! !	170.0	5, 6
	5								<u> </u>					<u> </u>
- 1	SSW						1							i
(\$W										<u> </u>			·
	WSW													
	w												1	
9	WNW					l								
- 1	NW									1				
ı	NHW													1
ſ	VARBL													
	CALM		$\supset <$	> <	> <	><				$\supset <$		><	•	
- 1			100.0										170.	د <u>.</u> ز.

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_ : .	41	<u> </u>					13-							. E. J.
STATION			STATIO	NAME.					,	ZARS				-
		_				41 10								. 7
							LAB6						KOVR	5 iL 5 T
						COI	BITION							
		_												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N			,-					l					J• :
	NNE	1.1	_											₹
	NE	7												1.5
	ENE								!		1		• 7	4 . ^
	E		(i						i					
	ESE	1	1.5		1						:		3.,	4
	SE	٠, ,	100		- (i								5.7	4 .
	SSE	7	2.1	7.1					! 				110!	
	5	7.1	4. 1	7		l 			L		·	<u> </u>	130	
	ssw	1	1.9		1.1							· · · · · · · · · · · · · · · · · · ·		<u> </u>
	sw	-1						<u> </u>		ļ	L	· · · · · · · · · · · · · · · · · · ·		. 1 فقد سا
	WSW	1.1	7							ļ 	ļ			. 4.7.
	w										<u> </u>	<u> </u>	<u> </u>	لتأسم لل
	WNW	7			L								10.	. 4
	NW			7									101	7
	NNW		1.4	1.						<u> </u>	<u> </u>			
	VARBL											L	ļ 	
	CALM		><	><				><		><			91.1	
			\longrightarrow	\leftarrow							*	\leftarrow		

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- <u> </u>	FALL * . N/	17-97		έſτ
STATION	STATION HAME		YEARS	MONTH
	-	ALL WEATHER		HOURS IL S T
		COMBITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N			1.1	<u>, (ı</u>								1.3	9.4
NNE	. 7		, i4	. 4								1	ė.°
NE		4						L				. 4	2.0
ENE	1.1		• 7									1.	4.6
E	•	1,1			3							3.9	5.0
ESE	1 . 4.	4	4									2.1	3.8
\$£	1.7	. 2	1.1	. 7			<u> </u>					5. 0	5.6
358		3.0	¥ .	1.4		ي لو						11.5	€ • 3
\$		7.02	7	75 g. T.			Ĺ					17.4	5.0
\$5W	2.5	1.1	1.5		4							5.7	F . 8
sw	iai	7		. 4								2.1	_ <u>C . C</u>
WSW	<u> </u>	. 4		. 4		- 4		<u> </u>				1.9	0.9
w	i	1.1		1.4				<u> </u>	<u> </u>			2.5	9.0
WNW	1.1		ے و	<u>, 4</u>								1	5.6
NW	1.0	2.1	1.8						<u> </u>			۲.,	5.3
NNW		2.5	1.1	<u>.</u> 4					Ĺ			6.0	5.5
VARBL									l				
CALM	$\supset \subset$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	><	><	><	$\geq \leq$	><	$\geq \leq$	28.0	
	27.2	21.	10.0	7 . T	.7	. 7						100.5	4.4

TOTAL NUMBER OF OBSERVATIONS 262

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

. 71	FALLON: NY	13- 12	FEF
STATION	STATION HAME	YEARS	BONTH
		ALL HEATHER	17
		CLASS	HOURS (L S T
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.5	7 . 3	[1.4								8.7	t • 2
NNE	1.4	2.1							L			3 • 5	3.9
NE	1.1	7.5	• 7									4.	4.7
ENE	1.1	1.4		, 4								2.9	4.1
E	3.2	2.1	į,									5.7	2.3
ESE	· . e	2.1	1.1	. 7								6.7	5.1
SE	1 2	2.3	1.44									5.0	5.9
SSE	1 1	2.1	2.1	4	- 4							6	7.1
5	,	7 5	-	1.3	. 7			- 4				11.3	7.9
SSW			1.,	. 7	1.1	, ,	<u> </u>			1		5.3	11.9
SW		1.1	tı.	1.4								2.=	9.5
WSW		7	. 14	. 7	. 4							2.2	9.5
w	1.1	1.4		1.8	. 7							5.7	7.3
WNW	7		ial	7								2.5	8.0
NW	1.4	1.1		.7			1					3.2	5.6
NNW	7	2.1	1.:	.7							-	5.7	€.4
VARBL	1			-						1			
CALM	$\supset \subset$	\times	><	><	><	> <	><	$\supset <$	><		> <	16.7	
	23.0	20.4	15.0	11.7	3.2	. 7		. 4			=	100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

202

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A...O.G

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<pre>/**;</pre>	ABLE THE NV	73-37	FER
STATION	STATION HAME	YEARS	MONTH
		SEE REATHER	16
		CLASS.	HOURS (L S T
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	7.1	5.3	₹.4	. 7								11.5	5.7
NNE	, r	,	5.1	, 7								17.4	5.8
NE	2. 3	4 7	4									7.1	4,4
ENE	1	٤٠.	• 4									5.	4.1
	1.0	. 7	ž,									2.5	3.4
ESE	lai	7	1.5	1.4								5.3	7.€
SE	1.		1.4									2.5	5.0
SSE	1.1	e la	1.4	. 4								3.2	5.6
\$, 7	1.		. 4							3.7	5.0
\$5W	1.0	- 4	, 4	1.9		. 7						5.7	10.9
SW			1.1	1.1	1.1	. 4		I				3.5	14.5
W\$W	• 7	,	_1.1	. 6	, 7							3.5	9.0
W	1.0	1.1	7.5	3.5	• 7							10.3	9.7
WNW	. 43	ي و	. 7	1.1		, is						2.3	11.4
NW		1.1		. 7								1.5	€ . 9
NNW	1.1	1.1	• 7	1.4	. 4							4.5	ō • 7
YARBL													
CALM	\times	$>\!\!<$	><	\times	$>\!\!<$	><	$>\!\!<$	$\geq \leq$	$\geq <$	><	$>\!\!<$	10.5	
	20.7	20 4	22.7	13.1	3.2	1.0	. 4					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 292

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3.172	FALLING NV	73-82		FEF
STATION	STATION MAME		YEARS	MONTH
		ALL WEATHER		19
		CLASS		HOURS (L S T
		COMPLYION		

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	7.4	2.3	. 7	, iq	. 4							9.2	4 , 4
NNE	ŋ ¢	4.3										15.1	_ 2 • 2
NE	1.5	2.6							<u> </u>			6.7	ء د
ENE	4 5.	1.1										5.7	2.6
E	7	7	ī									3.5	4 . 8
ESE	1.8	1.4	1.4									4.5	_ 5 . J
SE	7	1.1	1.1	9								3.2	6.
SSE	1.1	2.1	_ 7_	. 4								4.3	5.4
\$	1.1	2.1	. 7	. 7	. 4							5.0	7.
SSW	1.1	1.5	1.1									3.9	5 .
sw			1.1	. 7								1.5	11.
WSW	4	. 7	¥.	. 4								1.8	7.0
_ w	1.1	2.1	2.5	1.1	4							7.1	7.
WNW	1.4	1.1	7	-7								3.5	5.
NW	7	2.5		. 4								3.5	5.
NHW	7	2.5	1.1									5.7	4.
VARBL						[
CAUA	$\supset <$	><	\times	$\supset <$	><	><	$\geq \leq$	$\geq \leq$		$\supset <$	><	17.7	
	33.7	30.1	12.4	S.D.	1.1							100.0	4.

TOTAL NUMBER OF OBSERVATIONS

232

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

771 1D	FALL N. NV	73-7:,80-92	ศสย
SYATION	RMAH HOFTATS	YEARS	MORTH
		ALL WEATHER	22
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	7.4	1.2		4								4. ?	4.5
NNE	1.7	. 4		. 4								2.5	5.2
NE	9.	1.6				Ĺ			L			2.4	4.2
ENE	. 4											• 5	3.0
E	1.2											2.3	3.0
ESE	2.2	1.2	, is									2.5	3.4
SE	7.4	3. á	1.5									7.5	4.8
SSE	5.1	7.0	1.€	. 4								9.1	4 . 3
5	7.4	2.4	1.6	1.5	. 4							9.5	5.0
SSW	1.0	. 4	. 4									2.0	3.7
SW	1.2	. 3	• 4		. 4							2.3	5.9
WSW	1.00	. 4	, D	. 14								3.?	5.4
w	3.2	1.2		. 4								8 5	4 - 1
WNW	2.0	1.6	1.7	. 4								5.1	5.1
NW	.1	7.4		- 4								3.5	5.3
NNW			• 2	.4			T					2.8	6.3
VARBL													
CALM		> <	> <	> <	> <	> <	$\supset <$	$\supset <$	$\supset <$	$\supset <$	> <	33.6	
	32.8	20.9	2.5	5.1	9							100.0	3.2

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	FALL No. N. G. STATION HABIT	73+2	YEARS	FEG.
		ALL MEATHER		ALL HOURS (LS T
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.0	1.3	6	-1							6.4	5.4
NNE	2.€	2.3	1.0	. 2								6.7	4.6
NE	1.4	1.9								l		3.6	4.1
ENE	1.6	i e fi	•	-1					L			3.5	3.6
E	1.3	1. 2	2		1							3.4	3.7
ESE	1.7	1.2	, m,	. 4								4.2	5.2
SE	1.2	1.3	3.4	. 3			l		<u></u>			5.3	5.2
SSE	2.2	2.1	1.9	. 5	1							7.E	5.5
3	2.4	3.1	1.E	1.1	- 3					<u> </u>		3.7	6.1
SSW	1.7	• 7	. 7	. 6	, 2	- 2	.1					408	7.7
SW		. 4	Ľ.	6	2	1						2.3	9.3
wsw	6	5	8	. 4	. 2	-1			L			2.6	7.5
w	1.5	1.1	1.3	1.4	. 3							5.6	7.8
WNW	1.0	. 7	. at	5		-1			L			2.9	6.5
NW	ė	1.5	4	. 4								3.1	5.8
NNW	1.2	1.7	1.1	. 5	.1							4.6	5 . 7
VARBL													
CALM	><	><	\times	$>\!\!<$	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><	24.5	
	27.5	24.2	14.2	7.6	1.5	. 5		.1				100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

1664

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3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_ <u> </u>	C.L. if a tax	STATIO!	HAME			74			YEARS				A P
	-				ELL WE	ATHER						WOUR	04
	-					BIT ION							
SPEE (KNT: DIR	D 5) 1 - 3	4.4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N						<u> </u>							
NN	16.7											16.7	1.0
NE													<u> </u>
ENE													
ŧ													
ESE													
SE	16.7											16.7	3.0
35E													
8													
35%	10.7					}						16.7	1.0
SW													
WSV	v												
w		10.7										16.7	# • U
WN	v												
NW				{		I			})	1

TOTAL NUMBER OF OBSERVATIONS

16.7 100.0

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

721.12 F A	ALLONA NV	73-5-		
STATION	STATION HAME		YEARS	MONTH
		ALL HEATHER		27
	-	CLASS		HOURE (L S T
		_		
		CONSITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	49 - 55	≥56	*	MEAN WIND SPEED
N	1.7	1.6	• 1									3.	4,3
NNE	. 3		. 7	. 3								ڏ - 1	11.3
NE	- 6	تم										1.2	3.0
ENE	<u>a ė</u>	• 3										1.5	2.7
E	la3	غه										1.9	3.2
ESE	الله ف	1.3										2.9	3.1
SE	1.6	7.5	. 5							<u> </u>		4 . B	4.3
SSE	7.5	4.2	1.3	-6								11.5	4.2
8	5.5	. 6	- 5									7.7	2.8
SSW	1.5	1.2	3	3	. 3							3.9	5.3
sw	1.5	7	2	. 6								2.6	5.9
wsw	1.7	3										2.9	0 ھ
w	2.5	1.5	1.7						ļ	<u> </u>		6.1	4.4
WNW	1.6			3						<u> </u>		1.9	4.5
NW	1.5	2.3	2.7									7.1	5.1
NNW	7	1.3	2.3	. 6								4.5	8.0
VARBL													
CALM	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	>>	35 • E	
	29.7	20.1	16.3	3.5	. 6							138.0	J.D

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

*: 2	PACTON, NV	73-72	Más
STATION	STATION HAME	YEARS	MONTH
		ALL WEATHER CLASS	HOURS ILS T
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 36	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	•	MEAN WIND SPEED
N	7.2	1.6	1.7	1.3	. 3							7.7	6.3
NNE	1.5	1.0	1.5	. 5								5.	6.3
NE		7		• 3								• 6	7.5
ENE	1.5	• 5					_					1.5	7.3
t	2.3	<u>.</u> 4										2.9	2.6
ESE	1.	. 3		1.								2.6	6.6
SE	7.7	1.7	• 6									4.5	4.3
SSE		2.€	7.7	. 6								6.4	6.7
\$	2.0	5.9	3.0	1.6								12.0	7.0
SSW	1.7	1.0		• 3	1.3							3.5	0.4
SW	1.2	1.3		. 6	5							3.9	9.7
wsw	1.0		1.2							l		2.9	5.2
W	2.9	1.3	1.7	1.3								6,3	4.2
WNW	تعا	1.3	1.7	<u>. </u>	<u> </u>							4.5	6.5
NW	1.6	1.	1.6	1.3	. 3							5.5	7.9
NNW		1.5	2.3	1.3	. 3							6.5	9.3
VARSL													
CALM	\boxtimes	$>\!\!<$	\times	$>\!\!<$	$>\!\!<$	> <	$>\!\!<$	\times	$>\!\!<$	><	><	19.7	
	25.5	20.6	19.5	11.3	3.5	• 1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

310

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	FALL IN . MY	32-92	YEARS	₩ j j:
• • • • • • • • • • • • • • • • • • •		ALL WEATHER		NOURS (L S T
		COMPITION		

SPEED (KNTS) DIR.	1 - 3	4 - 4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.5	3.3	2.6	2.5	, ₹							10.6	8.3
NNE		ئعد										2.0	3 • ≎
NE	1.3		1									1 .	3.2
ENE	1.7	1.00										2.3	7.7
E	1.6	1	,									2 • 5	7 4
ESE	1 - 3	1.2	. 7									2.2	4 . 4
SE	7 4,	2.3	- t	<u>. f.</u>								5.2	ې د
358	1	7. 3	1.5									5.5	5.1
\$	5.0		2.3	1.3	. 3	. 6						11.9	7.4
SSW	1.	1		. 6				I.				3.2	5.9
SW	1 6	ئا ھ		1.3	1.6	. 5						6.5	12.0
wsw		1.6	1.0	1.1	1.3	1.6						6.5	11.5
w	1.6	2 🛦 ::	1.6	. 6							i	7.1	7.2
WNW		1.1	1	7								3.2	7.2
WW	7 . 7	1.0	2.3	1.9	_ 3							7.7	7.6
NNW	1.0	2.3	7,7	1.6								8 . 1	7.5
VARBL									I				
CALM	><	$>\!\!<$	><	\times	><	><	><	$\supset <$	><	><	><	10.5	
	21.6	77.1	20.0	12.6	4.2	2.3						170.0	5.5

TOTAL NUMBER OF OBSERVATIONS

315

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	FALLING NO		73 = +2		*# A =
STATION		STATION NAME		YEARS	MORTH
			ALL REATHER		1 €
			CLASS		HOURS (L S T
			COMBITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56		MEAN WIND SPEED
N	• *	3.	t •	2.5	, ?							12.5	3.8
NNE	1.	2.	3.									7.1	1 4
NE	1.6	2.3.	7	ف.								5.9	5.9
ENE		1.	• 1									2.9	5.0
E	1.7	1.		1.0								3.7	6.1
ESE	•	• (1	3.0
SE	1.7	2.5		• 3								3.5	6.7
SSE	1	1	e f		• 3							4.2	7.3
\$		1.4	1.6			3						4.0	€.2
\$5W	. 5	1.5	, 1	• 3								2.0	4.5
SW	• ;	• 1	• 1	3.5	1,7							6.5	13.5
wsw		, ,	1	7.6	3.7	7						5.0	12.2
w	1.0	1.5	1.7	1.7	•6		• 3					7.4	10.2
WWW	1.6	1.1	2.6	1.5								5.0	7.2
NW		1.4	2.0	?•€	• 7							7.4	9.5
NNW	1.	2.3	2.9	2.0	•6	• 3						10.3	9.0
VARBL													
CALM	$\supset <$	> <	\times	\times	><	>>	$\supset <$	><	><	$\supset <$	$>\!\!<$	7.4	
	12.5	24 - 4	26.1	25.0	5.2	1.6	. 7					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

510_

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 :	5 ALL.	No NV					73-73							44
STATION			STATION	HAME					•	YEARS				MONTH
						ALL WE	ATHER							10
						CI	LASS						HOUR	SILST
		_					DITION							
						W.	511 KM							
		-												
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
	N	3.2	9.5	2.2	1.3	£.							12.5	£ 9 %
	NNE	4.5	7 5	5.	1								3.	4 .
	NE	7 7	ة مد											7.0 2
	ENE	1.3	2.3										?	3
	E	2.3	1.3								li		4.	3.5
	ESE	1	L										2.5	t t
	SE			7									1.	
	SSE		3	1	1								2.9	7.5
	5		1.3	3	3								4.7	4 . 5.
	SSW		7	1.3									1.3	7.5
	sw			4	1.3	. 6							3.5	10.7
	wsw	- 7	2.3	1.6	. 5								4.5	7.€
	w	1.5	1.7	7 . 3	3.0								11.7	2.1
	WNW	1.4	3	2.3	. 3								7.7	5.9
	NW		3.7	1.0	• 6								7.	5.8
	NNW		1	1.5	1.0	. 3							6.5	7.7
	VARBL													

TOTAL NUMBER OF OBSERVATIONS

7 1 *

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	in the second second	73 = 7 . • 61	7-42	M A .
STATION	BRAN HOITATS		YEARS	MONTH
		BLE JEATHS		37
		CLASS		HOURS LL S T
		COMSITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	" •	MEAN WIND SPEED
N		7, 7		1.1				i_				15.7	F . 3
NNE	1.,	7		. 4				<u> </u>					2.1
NE	1.									·		1.4	
ENE	:	• "	• 14			İ	: 	·		i		1.	₹ • ₺
ŧ		. 4				1						1 •	7 ,
ESE	1.	• 7	•		ļ 1		1	<u>. </u>				2.9	7.5
SE		; ,	1.		1		i 		Ĺ		,	5 . 4	- <u>• 1</u>
SSE		• ^	, ,				Ĭ					(• t	6.3
\$		1.	• •									5.1	3.1
SSW		• ",		. 7								4.7	4 a F
SW		• 1	1.:	• 1								Ε	4 • 5
WSW		1.	7									4.7	- · ?
w		•)								11	· • 1
WNW	1	?	• 7	, ,								6.1	• 6,
NW		2,2	• 7	. 4									4.5
NNW	7.	₹.	• 7	. 7	_	Ł;						7	F . 7
VARBL													
CALM		$\supset \subset$	><	><	><	> <	><	><	><	$\geq <$	> <	16	
	31.		14.7	5.7		. 1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

SURFACE WIND!

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TION	File	2 N 2	STATIO	NA ME			*3-57			TEARS				3 ··
		_				11.	A TREE							<u>; </u>
		_				CON	DITION				-			
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - iQ	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	,	MEAN WING SPEED
t	N	`. ~	7.1	-	1.5	. 7	• `						*	7.
	NNE	1.5	1.7	1	, 7								42.7	
	NE		1.										<u></u>	4
Γ	ENE		1.0								T			
I	E	1		1	•									
Ī	ESE	1.0		• 7					i				2.	
_	SE	1.	1.	. 7	•								4.	
[SSE			1.5	r	1			·					
	5		,	1.		-1							7 •	```
L	S5W	1.		· · · · · · · · · · · · · · · · · · ·	. 4	4							3 . 4.	
	5W	1.7			1.:	, T			:	<u> </u>	<u> </u>	+	ч.	
L	WSW				- :	ية و					· · · · · · · · · · · · · · · · · · ·	•	4	. :•
_	w			<u> </u>	1.4	?		- 3			•		<u> </u>	
L	WNW	<u>``</u>	1. '	104	ا الله الله الله الله الله الله الله ال	-1			<u> </u>		<u> </u>		<u> </u>	<u>.</u> 5.
L	NW		_2.1		1.1					<u> </u>	·		4, 1	7.
L	NNW				104	2		ļ <u>.</u>	<u> </u>		· •			. ?•
L	VARBL											·		
-	CALM	><	><	><	><	><	><	><			><	$>\!\!<$	10.7	
Ì						• •				3			1,	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

* *	8 44 1	19. g 12.4					7.6						A	ט כ
STATION			STATIC	THAN NO						YEARS				-
		_				MLL 12	ATHE				.		NOUA	<u> </u>
		_												
		-	<u></u> -			CO1	RDITION							
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N													
	NNE													
	NE													
	ENE		I										1	
	E	1												
	ESE							1						
	SE													
	SSE													
	5													
	SSW	1												
	SW													
	WSW												10.7	4.0
	W				Ì					i				
	WNW		***										6 f 💮	
	NW													
	NNW													
	VARBL													
	CALM		$\geq \leq$	$\geq <$	$\geq <$	$\geq <$	$\geq <$	$\geq <$	$\geq <$	$\geq <$	><	><	•	
				200									100	6 7

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	FILEIN. NO	73-92		APU
HOITATE	STATION HAME		YEARS	MONTH
		BLE REATHER		
		CLASS		MOURS (L S T
		COMBITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N			ls , 17									6.1	7.2
NNE				7								1.7	5 . 4
NE	. 7	3										1.	2.7
ENE	. 7		۲.									• 7	5.0
E	1.0											1.7	2.3
ESE	. 7	1.7	. 7									2.7	4.5
SE	7, -	2.7										5.7	3.4
SSE	1, 7	7.0		_								10.0	3.0
5	7.7	7.0	1.3	-7								12.3	3.5
SSW		1.0	7	• 3								1.7	5.6
sw	1 . 7		,	. 7								3.0	5.1
wsw	9,0	1.	3									3.7	F • 5
w	/ ·	2.1	7.7									5.7	5.5
WNW		2.1	2.4.5	. 7								ţ: • 7	6.0
NW	1.4	,	. 7	. 7								3."	5.9
NNW	1.	1.7	7	. 7								6 . ?	7.0
VARBL													
CALM	$\supset <$	><	><	><	> <	><	> <	$\supset <$	$\geq <$		><	26 • □	
	21.7	22.1	16.7	ii . T							-	100.0	3.t

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	FALL TRAINE	73-92	DP:
STATION	STATION HAME	YEARS	MONTH
		ALL HEATHER	
		CLASS	HOURS (L S T
	 	CANNITAL	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1. "	3.	7.	2.7	. 7							11.7	7.
NNE	1.7	1.7	1.	.7								4.7	5.
NE	1.	٦.	• '									1.7	₹.
ENE	1.7	1.3										3.0	3.
E	3. • 51	• ^	• 7									2.~	₹.
ESE	2.0	2.7	. 7									5.0	3.
SE	1.7	7.7										4.0	4.
SSE	7.5	1.3		1.7								5.3	4.
5		7 7	3.7	1.3								5.3	(.
SSW		iai	-,		7							3.7	4.
SW	1 = 0	1.7	.7	. 7	. 7							4.7	٠.
wsw	1.3	7	1.7	• 3								2.3	ų,
*	7.	3.7	1.7	1.3								8.7	5.
WNW		1.7	7.7			?						7.7	7.
NW	1	1.3	, 7									3.	4.
NNW	3 . 7	2.0	2.1	1.7	, 7							8.3	7.
VARBL													
CALM	><	><	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	> <	$>\!\!<$	$\supset \subset$	$>\!\!<$	14.7	
	21.3	77.7	16.7	7.7	2.7	. ?						105.0	ç.

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	<u> Fali</u>	ote Ny	STATION	HAME			73-57		 ,	/EARS				D C
		_		_ 		ALL HE	ATHE						HOUR	13
		_				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	7.3	3.7	4.3	3.7								15.0	7.5
	NNE	1.	2.7	1.7	1.5	. 3							5.1	7.0
	NE	3.7	, ,										2.3	4.7
	ENE	1.0	1.7	. 3									7.1	4.2
	E	1.	1.7										2.7	3.5
	ESE		. 7			. 3							1.5	15.0
	SE	. 7	2.1		. 7								3.3	5.0
	SSE	1 7	7	1 .	- 7								4.0	6.0
	\$		2.7	. 7	1.0								6.3	É.1
	SSW	. 7	1.7	2.1	1.0								5.7	3.2
	SW	1.7	1.7	1.0		٧.	. 3						5.7	3.7
	WSW	1.0	1.3		1.7	. 7			. 3				4.3	15.5
	w	7	7.5	₹.₹	1.7	1.3							9.3	9.6
	WNW	7	5.3	1.7	1.0	. 3							6.7	7.5
	NW	; 2	2.0	2.3	1.0	1.0							7.7	6.4
	NNW	1.7	2.3	2.7	1.7								8.0	7.9
	VARBL	∏									1			
				$\overline{}$								$\overline{}$. 7	

TOTAL NUMBER OF OBSERVATIONS

100

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	FILE to . NO	73-42		400
STATION	STATION NAME		YEARS	HOMPH
		ALL WEATHER		16
		CLASS		HOURS (L.S T
		COMBITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.5	7.5	4 .	2.3	• 3							15.7	7.0
NNE	,	1.0	2.7	103								5.7	8.0
NE	2.7	2.3	1.7	1.5								7.7	5.5
ENE		. 3		7.7								. 7	€.0
ŧ		1.7	. 7									3.2	4.1
tst					7							. 7	14.0
SE		1.5		. 7								2.0	6.8
358	• 3	7	• 3		7							1.3	9 · C
\$	2.0	1.7	7	. 7								5.7	6.0
\$5W	, 1	• !	• 7	• 3	. 3	• ?				L		2.7	10.5
SW	7		1.0	1.0		1.7	. 3		<u> </u>	L		4.	14.5
WSW	• :	1.	, ,	1.3	, 7	. 7						4.7	12.1
w		1.7	U . "	5.7	. 7					<u> </u>		13.7	13.2
WNW	1.7	1.3	2.7	2.3	• 3							9.3	9.1
NW		2.71	3.0	?•?	1.0							5.0	10.7
NNW	; • · '	u . 3	2.3	1.7	. 3							10.3	7.2
VARBL													
CALM		$>\!\!<$	><	><	$>\!\!<$	$>\!\!<$	><	><	><	><	><		
	14.7	26.7	24.0	21.7	4.3	2.3	.3					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

300

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

W 71.72	FILLING NO	73 + n <u>n</u>		APR
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER	_	19
	 	CLAM		HOURS (L S T
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	4.0	5.7	2	7	7					İ		16.5	5,4
NNE	2.7	3.7	2.0									9.	4.7
NE	3 7	7.7										6.3	3.8
ENE	2.7	1.3	. 7									4,7	4.5
E	1.0	1.7	(V)									3.5	4.5
ESE		1.1		. 7								1.3	6.7
SE			. 7	7								1.3	8.0
SSE	3	~ ?										1.3	5.5
\$	1.3	•		7								2.3	5.9
55W	, ,		. 7			. 3						1.3	4.8
SW	7		• 7	• 7	. 3							2.3	6.9
wsw	ز م		2.3	. 7	. 7							4.7	10.7
w	1.0	ې ب	£ • 7	5.0	. 3							17.5	3.8
WNW	. 7	2.7	5.3	2.0								10.7	3.3
NW	7	2.3		1.0			-					7.0	7.1
WMM	1.2	1.7	1.7	1.3	• 3							5.7	8 • C
VARBL													
CALM		><	\times	>>	$>\!\!<$	\times	$>\!<$	$\supset <$	$\supset <$		> <	6.7	
	22.7	29.3	25.7	12.0	2.3	. 3						100.7	٤.3

TOTAL NUMBER OF OBSERVATIONS

370

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

5.1 2	EQUENT NY	73-75,80-32	APD
STATION	STATION HAME	YEARS	MOMTH
		ALL WEATHER	22
		CLASS .	HOURS (L S T
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	2.5	4.	_1.1	Į,								5.7	4 . A
NNE	4	1.5		. 7								2.5	6.3
NE		1.1										1.5	5.0
ENE		_ • 4										.7	3.5
E	i i	• -										1.1	3.7
ESE	, is											• 4	3.0
SE	• 7	. 4	. 14									1.5	5 • €
SSE	1.5	2.2		• 4								4 . 1	4.7
3	1.9		. 4			I			1			2.5	3.9
SSW	1.1	. 4	.7	. 44								2.6	5.6
SW	7.6	1.5	• 4		. 4	. 4						5.2	5.02
wsw	1.9	. 4	_ • 7	. 4								3.3	5.0
w	6.7	4 . 4	3.05	, 4								17.4	5.1
WWW	u a	K , A	2.5	• 7								14.1	ย•ถ
NW	7.	4 . 4	• 7	• 7								5.0	4.0
NNW	1 : :	7.0	1.3	, 7								5.0	5
YARBL													
CALM		$\supset <$	$\supset \subset$	><	> <	><	> <	$\geq <$	><	$\supset <$	><	10.7	
	23.6	31.2	13.7	4.8	. 4	. 4						100.0	4.1

L NUMBER OF OBSERVATIONS

SM(18

INUS GPO 1984 741 348, 201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOLTATE	STATION HARE	73-82	YEARS	4PF
		CLASS CLASS		ALL HOURS (LST
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	- 7	4 4	7.3	1.6	3							12.2	6.7
NNE	1.2	1.9	1.2	. 7	1							5	£.3
NE	1 4	1.4										3.4	4.5
ENE	1.7	3	2									2.1	4.0
E	1.1	1.3	,									2.3	3.5
ESE	r,	1.2		. 1	. 1							1.2	5.4
SE	1.5	1.3		3								3.0	5.0
SSE	2.3	1.4	•	. 4	. 1							9.3	4.5
\$	2.3	1.2	7	7		• 1						6.3	5.2
SSW	3	7	. 7	. 3	. 2	1						2.9	7.3
SW	1.4	9	. ?	.5		. 3	.1		L			4.1	5.6
WSW	1.1		3.6	. 7	. 3	1		.1				4.0	8.3
w	2.5	3.0	2.9	2.4	. 4							12.2	7.6
WNW	1.3	2.6	*	1.2	. 2	. 1						2.1	7.1
NW	1.1	2.1	1.7	. \$	• 3							6.2	7.5
NNW	1.4	7.5	2.1	1.3	. 2							7.4	7.4
VARBL													
CALM	><	> <	\searrow	>>	\times	\times	><	\times	$\geq <$	><	><	13.4	
	23.2	2ä. 1	15.7	11.3	2.4	. 5	1	,				130.3	5.7

TOTAL NUMBER OF OBSERVATIONS

1772

SMOS

☆U.S. GPO 1984 741.548 ,*01

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	<u> </u>	ing 🕦 N 🦫	STATION HANK YEARS SLI HEATHE CLASS									MOURS (C S T		
		-				CON	DITION				-			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	<u> </u>	 		···								 	
	NNE													
	NE							-						
	ENE	 					· · · · · · · · · · · · · · · · · · ·							
	ŧ				1									
	ESE		†											
	SE	1												
	SSR	1	†											[
	\$		3 10.0										100.5	4.6
	SSW													
	sw													
	WSW													
	W													
	WNW													
	NW]									
	NNW													
	VARBL													
	CALM		$\supset <$	> <	$\supset <$	><	> <	><	> <	><	$\geq <$	><	•	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

274. P	FALLON. NV		73-52		MAY
STATION		STATION NAME		YEARS	MONTH
			ALL WEATHER		57
			CLASS		HOURS (L S T
	 -		COM DITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	- 6	2.5	1.9								6.5	7.7
NNE		1	ڪ ۾						L			1.9	1 8
NE			,									•6	5.5
ENE	غو	1.0										1.6	3.0
E	1.5											1.7	1.7
ESE	1.5							Ĭ				1.0	2.0
SE	6.5	1.5										8.1	2.6
SSE	3.5	1.7	7									5.3	7.5
\$	9.5	2.9	. 6									12.6	3.1
SSW	3.0	. 3										4.7	203
SW	2.3	1.1										9	2.5
wsw	1.46	1.0										2.6	3 4
W	4.2	1.9	1.3									5.1	4.4
WNW	1.7	3.9	1.5									6.1	5.6
NW	1.4	1.3	2 4 2									4.5	5.06
NNW	1.3	1.5	2.9	- 6								6.3	7,5
VARBL													
CALM	><	$>\!\!<$	\times	$\supset \subset$		$\supset <$	> <	$\supset <$	riangle <		> <	22.9	
	30.7	21.0	12.6	3.9								100.0	3.

TOTAL NUMBER OF OBSERVATIONS

₩US GPO 1984 /41 348 201 ▶

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	FALL	16. N. C		77-67												
STATION			STATIO	HAME						YEARS				IONTH		
						ALL NE	ATHER							17		
						c	LASS						HOUR	E (4 4 7		
						COI	IDITION			··						
		_									 -					
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED		
	N N		7.0	7.	1 • F	. 6		 	 	 			11.3	6.7		
	NNE	1.2	4,					1	· · · · · · · · · · · · · · · · · · ·	† — — ·			6.5	5.3		
	NE	10.7	1. "	• 5				 			†		3.0	4.4		
	ENE	1. !			• 7		 	ļ —		1	1		1.0	4.7		
	-	,	• 0	• 6:		 		 			1		3.0	4.0		
	ESE	1.0	1.0					1	 	 	t		1.7	3.3		
	SE	1	•										. 3	4.0		
	SSE		2.5	• *			T						4.	1,9		
	3		2.3								·		5.0	4.1		
	SSW	107	le t		1.0					1		~	4.5	5.05		
	SW	1.0	101	• ŧ	•0	. 6			1	†	1			2 . 6		
	wsw	3.0	1.	•	9.7			1		<u> </u>			3.	4.6		
	W	1.6	2."	?,,	.6					 	1		7.4	€.7		
	WNW	2.3	1.	1.5									6.0	3.6		
	NW	2.6	2.5	7. 7	7				1	 	1			3.4		

TOTAL NUMBER OF OBSERVATIONS

317

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	3. a 32.5	STATION	MAME			73-0		,	TARS				3 Y
					ALL 35	ATHER			-				17
	_					DITION							
	_		 _										
SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
DIR.												17.	
NNE		- 40 -	<u>. 3.3</u>	1.0				 	 				6.5
NE	1.1	- 2	3.2	1				 		 		7.4	7.3
ENE				100	L					;		40	<u> </u>
E	3 47							 				107	<u> </u>
ESE				<u> </u>				 		·		4	4 . 5
SE								 	 	 		2.3	5.1
SSE					—— —			 		 		2,7	5.0
5								 				7	4.7
	10:							 	 	 			300
SSW								 		l		2.5	4 4
SW		- i -						 		 		<u> </u>	
wsw						• •			ļ				0.1
w		7.4	- ?•? -	1.5	1.2			 -	 -			14.4	
WNW				1.5	* 7			 	 	 		7.04	5.
NW			-}• ;-	1.7				 		 		G	<u> </u>
NNW	<u> </u>	بنعتب										7	
VARBL	-												!
CALM	\sim											6.5	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	<u> </u>	<u> </u>	****	STATION NAME YEARS											
STATION			314110			:11 #5	ATVES		·				•	1.5	
							ASS						HOUR	S LL S T	
		_				CON	DITION								
		_				, <u></u>									
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED	
	N	1.6		4.1	1.	, 7		-		<u> </u>	•——		12.	7.6	
	NNE		,								++		10	1.3	
	NE		7.7		• F	<u>• /5</u>					 		4.	2.5	
	ENE	•			•				-		 		4.		
	E	•		1 .		. ?							1.	· · · · · · · · · · · · · · · · · · ·	
	ESE	•							<u> </u>	 -			† — — —	17.5	
	SE			• *							+		• -	7.1	
	SSE					· · · · · · · · · · · · · · · · · · ·					 		1.1	4 4	
	5	•		• ;							 		•		
	<u> </u>			• :							+		1.	7	
	\$5W		• '			 -							2.6	11.	
	SW	•		•		<u>• 6</u>			<u> </u>					1.7	
	WSW	-	7		7.7		• 1						15		
	W		1.	19 💣	5.3	2.5	•				·		11.5	11.0	
	WNW_		7.	<u> </u>	4	• 5	• -		<u> </u>		 		7.	• • •	
	NW	•		4 •		1.~	L						* * *		

TOTAL NUMBER OF OBSERVATIONS

110

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VARBL CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	2 H m	·					/ >							1. •
STATION			STATION	HAME						YEARS			•	ONTH
						94.1 mi								1 =
						c	LA \$ \$						NOU 21	SILET
		_	 -				DITION							
						COR	IDITION							
		_												
	SPEED				1	<u> </u>			!		:			MEAI
	(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥ 56		SPEEL
	N		5.	2.0	1.3	. 5							1	
	NNE		. j											
	NE		2.7											<u> </u>
	ENE	3.5					! L				1			·•
	E	1	1 7											٠.
	ESE				2			Ţ	<u> </u>	<u> </u>				14.
	SE		•			. 3								11.
	SSE	,											1.6.2	
	5				6					<u> </u>	<u> </u>	·i	1.7	٠.
	ssw	7						İ		<u> </u>	i 		1.	
	sw		i		-	. 3								
	wsw	انما		7	1.2					<u> </u>		· i		
	w	1.0	2.9	1.4	لدد	1.3				Ĺ			17.7	· ·
	WNW	1.3	3.0	2.6	3.5			L	ļ	<u></u>			·	. <u> </u>
	NW		1	1.	1.0					<u> </u>			! <u>• • : </u>	7.
	NNW	1.0	2.	2.3	1.5						·		, , f	
	VARBL													
	CALM		><	><				><			><	><		

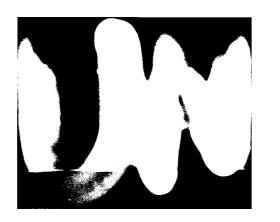
TOTAL NUMBER OF OBSERVATIONS

SMOS

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개 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) FALLON NEVADA(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC. AUG. 84 NO-A150 181 F/G 4/2 Nt UNCLASSII IED





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 1 4	FALLING NV	73-82	MAY
STATION	DEAN DOUTARD	YEARS	MONTH
		ALL NEATHER	22
		CLASS.	HOURS (L.S.T.)
		CORDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
N	1.6	3.9	1.6	1.6								8.7	6.5
NNE	1.5	1.6	-6	. 3	. 3							4.5	5.1
NE	1.0	1.0										3.2	3.
ENE	5	1.3		, 3								2.3	ŧ.
E		3	- 3									• 6	8.
ESE	1.5	• 3										1.3	2.
SE	• 6	• 3										1.3	7.
SSE	1.0	• 6										1.6	3.
\$	3.5	1.0					_					4.5	2.
55W	1. 2	1.3										2.6	3.
SW	• 5	1.0	• 5]					2.3	5.
WSW	7.6	• 3	1.7									3.9	3.
w	3.5	8.7	E .5	•6								18.4	5.
WNW	3.2	6.1	4.5	6								14.6	5.
NW	1.6	4.7	1.9	. 3								8.7	5.
NHW	2.6	3.6	. 7	1.0					T			7.4	5.
VARBL									,			1	
CALM	\times	\times	>>	>>	>>	$>\!\!<$	> <	> <	$\supset <$	>>	$>\!\!<$	14.7	
المستحديد المستحد	27.3	36.2	16.3	4.9	• 3							100.0	4.

TOTAL NUMBER OF OBSERVATIONS

309

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

⊋31 .2	FALLON. NV	73-82		MAY
STATION	STATION NAME		YEARS	#0#TH
		ALL NEATHER		ALL
		CLASS		HOURS (L.S.T.)
		COMPITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	2.2	3.2	3.5	1.4	3	.1						11.4	6.9
NNE	1.5	3.3	1.6	. 3	. 2							6.8	5.9
NE	1.5	1.6	6	. 3			l	<u> </u>				4.7	4.9
ENE	1.1	1.3	3	. ?				<u> </u>				3.0	4.5
	1.3		-14		1							2.5	4.5
ESE	. 7	.3	1	1	.1							1.2	4.9
SE	1.3	. 5	. 2	•1	1							2.2	3.8
SSE	1.2	1.2	•2					1		<u> </u>		2.6	3.8
\$	2.8	1.5	. 4	.1								4.8	3.7
SSW	1.5	. 4	• 2	• 2								2.7	4.2
SW	1.0	1.0	.5		. 4							3.4	7,2
WSW	1.3	• 9	1.1	7	.1	.1.						4.2	7.2
w	2.3	4.2	3.5	2.7	1.0	.1						13.9	8.3
WNW	1.9	3.7	2.5	1.7	• 2	• 1						9.0	5.9
NW	1.6	. 2.2	2.3	3.	• 2							7.7	6.5
NHW	2.0	3.4	2.7	1.1	.1							9.2	6.3
VARBL								Ì	1	İ			·
CALM	><	> <	\times	\times	\times	\times	>>	\times	\geq	\geq	\boxtimes	10.5	
	25.2	31.2	22.3	10.1	2.4	3_						120.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1560

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FAL	FALLON, NV 73							_ <u>_</u>	UN HONTH				
	-				ALL VE	ATHER							8 (L-8.T.
	-				cos	DiTion				<u> </u>			
SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	46 - 55	≥56	*	MEA WIN SPEE
N	j		-										
NNE													
NE													
ENE		i i											
ŧ	1	1											
ese													
\$6	1												
358		1											
8		100.0										190.9	5
58W	T								I				
SW							I						
WSW													
w													
WNW													
NW												1	
NNW													
VARBL	1												
CALM	\sim	$\supset \subset$	$>\!\!<$	> <	><	><	><	><	><	><	> <	•0	
		100.0										100.0	5.

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FALL	N. NY	STATION	MAME			73-92		 -,	YEARS				UN
	_				VLT AL	ATHER		 _				NOVE	07 6 (L.S.T.)
	_					DITION							
SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	2.3	3.3	1.3								8.0	7.
NNE	1.0											1.3	2.
NE	3	. 7										1.3	5.
ENE		. 3	3						<u> </u>			.7	7.
E	. 7											. 7	2.
ese		3							<u></u>	<u> </u>		3	4.
SE	1.7	. 7						<u> </u>	<u> </u>	L	<u> </u>	2.3	2.
352	4.0	1.7								ļ		5.7	2.
8	6.7	3.0					L			L		9.7	3.
\$5W	3.0	7						L				3.7	2.
SW	3.3	3						<u> </u>				3.7	2.1
WSW	303	2.0	3	3		<u> </u>		<u></u>	<u> </u>			0.0	4.1
w		5.0.7	1.0	1.3	3	ļ	ļ	<u> </u>		 	ļ	16.3	4.1
WHW	1.3	2.7	1					Ĺ		L	<u> </u>	4.7	4
NW	-7	1.0	3						ļ	ļ		2.0	5.1
NNW	103	2.3	2.7			ļ			L	ļ	 _	6.3	5.0
VARSL						Ļ,					ļ	 	
CALM							\sim			\sim		27.3	i

TOTAL NUMBER OF OSSERVATIONS

300

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

77112 STAYSON	FALLON . NV.	73-82 YEARS	J U1;
		ALL WEATHED	10
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.0	6.3	2.0	1.3								12.7	5.6
NNE	2.7	2.0	1.3	_ 3								6.3	4.7
NE	1.7	1.0	7						Ī			3.3	3.8
ENE	1.3	• 3										1.7	2.8
- [1.3	• 7	• 3									2.3	3.4
252	1.3	• 3										1.7	2.8
SE	1.0	2.0										3.8	4.0
38E	2.7	. 7										3.3	3.0
\$	1.7	1.7	1.7									5.0	5.2
\$\$W	2.3	1.C		. 3	. 3							4.0	4.8
SW	1.3	1.0										2.3	3.0
WSW	2.3	1.3	1.3	. 3			•3					5.3	6.4
	2.0	3.D	2.7	.7			1					8.3	6.2
WNW	103	2.3	1.3	• 3								5.2	5.6
NW	4.7	2.3	1.3	3								8.7	3.8
NNW	3.7	4.3	1.0	• 7								9.7	4.9
VARBL	***			-			<u> </u>					1	
CALM		\times	\times	\times	\times	\times	\times	>	>	\times		17.0	
	34.3	30.0	13.7	4.3	. 3		. 3					160.0	4 • C

TOTAL NUMBER OF OBSERVATIONS

300

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	FALLCIE . N. V. STATION NAME	73-32	YEARS	JUN NONTH
	<u></u>	ALL WEATHER		NOVER (LIS.Y.)
	···	COMPLETION		

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	5.0	2.7	1.7	. 3							11.0	7.0
NNE	2.0	2.3	2.0									6.3	4.9
NE		2.3	3									2.7	5.6
ENE	1.2	_ 2 A D										3.3	4.5
E		1.0	. 7									1.7	5.6
ESE		1.6	. 7									1.3	6 D
SE	1.5	- 7										1.7	3.2
\$58	- 3	,	7.	. 3	. 1							1.7	8.8
8	1.7	2.5	. 7	.7	. 7							5.3	6.6
SSW	2.7	7.0		- 3								5.0	4.3
SW	1 - 3	2.7	1.3									5.0	5.1
WSW	1.0	1.3	2.5	1.7								6.0	7.9
w	_5.7	4.3	2.0	1.7		- 3						15.0	5.5
WNW	3.7	2.7	3.0			.3						9.7	5.7
NW	• 3	3.0	1.7	.7								5.7	7.1
NNW	1.7	5.3	1.7	1.0								10.7	6.2
VARSL													
CALM	\boxtimes	\times	\times	\times	\mathbb{X}	> <	><	> <	> <	\times	$>\!\!<$	8.0	
	24.7	39.0	18.3	3 . C	1.3	. 7						150.0	5.5

TOTAL NUMBER OF OSSERVATIONS

300

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	FALLON NV STATION NAME	73-82 YEARS	JUN
		ALL WEATHER CIAM	NOURS (LS T.)
		COMPLETION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	1.7	4.7	4.7	1.7								12.7	7.0
NNE	7	2.^	2.7	1.3								6.7	7.7
NE	1.3	2.0	1.0									4.0	5.3
ENE	7	2.3	.7	.7								4.3	6.5
E	73	3										.7	3.5
ESE			3	. 3								• 7	12.5
SE													
SSE												1	
\$	1.7	. 7		1.0	-,7							3.7	10.2
SSW		. 3					-					• 3	4.0
sw	7		. 7	• 7	_	• 3						2.3	9.3
wsw		7	1.7	1.7		3						9.7	10.0
w	2.0	3.7	4.7	6.7	• 7	. 3						18.3	9.3
WNW	2.0	2.3	3.0	4.0	1.0							12.3	9.5
NW	1.0	5.3	2.3	1.0	. 7							10.3	7.1
NNW	1.3	5.3	3.7	3.3								13.7	7.6
VARBL													
CALM	><	>>	\times	\times	\times	\times	\times	\times	\times	$>\!\!<$	\mathbb{X}	5.0	
	12.7	29.7	25.3	22.3	3.0	1.5						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 3CD

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	FALLON, NY	STATION NAME	13-32	YEARS	
********		***************************************		VEARS	mon i n
		<u></u>	ALL WEATHER		19
			CLASS		HOURS (L.S.T.)
			CONDITION.		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	5.2	2.7	1.3			·					10.0	6.4
NNE	3.0	3.3	1.3	3								8.0	4.7
NE	1.0	4.7	.7									5.3	4.5
ENE	3.5	3.3	1.3									6.7	4.9
£	7	. 7										1.2	3.5
ESE	7		. 3									1.0	5.0
SE													
SSE	- 3			.3								.7	8.5
\$	3	7		_ 7								1.7	7.6
SSW		7	. 7	.7								2.0	9.3
SW			7	.7								1.3	10.3
WSW		.2.3	2.3	.7								5.3	7.5
w	7	3. 7	15.7	6.7	.7.	I						22.3	9.4
WNW	1.3	2.0	6.3	4.7								14.7	9.0
NW	.7	2.7	3.0	1.0								7.3	7.5
NNW	1.3	2.3	3.3	1.0								8.0	6.6
VARBL													
CALM	><	> <	$\supset \subset$	$\supset \subset$	\times	><	><		><	><	><	3.7	
	13.7	21.3	32.7	15.0	4.7							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

971 2	FREEDN. NV	73+32	J U '4
STATION	ETATION HAME	YEARS	MONTH
		ALL WEATHER	22
÷		CLASS	HOURS (L.S.Y.)
		CONSTRAIN	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.4	3.7	2.3	3								8.4	5.1
NNE	2.7	1.7	,,	.7								5.4	4.8
NE	2.0	1.0									Ī	3.0	3.0
ENE			.7									1.0	5.3
ŧ		. 7										• 3	5.0
ESE											-	• 3	2.5
SE	. 1		• 3									.7	5.0
SSE	.7	1.5										1.7	3.2
\$	7.4	2.7		• 3								5.4	4 . C
SSW	1.3	. 7										2.3	3.2
SW	7	1.0										2.0	5.0
WSW	1.3	1.7	• 3									3.4	3.6
w	4.5	9.4	6.7	1.9								21.2	5.8
WNW	4.4	10.1	2.4									16.4	4.8
NW	2.0	4.4	1.7								•	8.1	5.0
NNW	3.0	2.7	1.3	• ?								7.7	5.2
VARBL													
CALM	$\supset <$	\mathbb{X}	> <	> <	\times	$\supset \subset$	> <	> <	$\supset \subset$	$\supset <$	> <	12.5	
	27.9	40.4	16.2	3.0	1							166.8	4.3

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION	FALLON . NY STATION HAME	7 3 + 0 2 YEARS	JUN MONTH
		ALL WEATHER	ALL HOURE (L.S.T.)
		CORDITION	

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	4.5	2.8	1.5	.1							10.5	6.4
NNE	2.5	1.9	1.3	. 4								5.7	5.3
NE	103	1.0		- 3								7.4	4.5
ENE	9	1.4	. 6	1					L			2.9	5.1
ŧ	5	. 5	7									1.2	4.0
ESE	4	. 3	.2	-1								. ?	5.3
SE	7	- 6	1									1.3	3.6
SSE	1.3	- 5	- 1	. 1	1							2.2	3.9
\$	2.3	1.1	- 3	. 4	. 2							5.1	
SSW	l a ć	9		. 2	-1							أغتا	4
SW_	1.2	9	4	. 2		.1						2.8	5
WSW	1.4	1.5	1.3	B			- 1			L		5.1	6.7
w	3.9	4.9	4.6	3.0	3	1		<u> </u>	<u> </u>	<u> </u>		16.0	7.0
WNW	2.3	3.7	2.5	1.5	2						<u> </u>	13.5	5.8
ŊW	1.6	3.1	1.7	5_	1						l	7.0	5.C
NNW	2.1	3. 4	2.3	1.1					ļ		ļ	9.3	6.2
VARBL											L		
CALM	$\triangleright <$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	><	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	12.4	
	25.0	32.3	19.2	9.8	. 9	• 3	. 1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

1798

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 411	<u> N. 9</u>	STATIO	M HAME	STATION HAME YEARS										
	-				ALL WE	ATHEP						нон		
	-				CON	DITION								
SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*		
N												1		
NNE														
NE														
ENE		<u> </u>										1		
ŧ									L			<u> </u>		
ESE			<u> </u>											
SE			ļ									<u> </u>		
SSE		 _		ļ						Ĺ				
5		ļ <u> </u>								<u> </u>		!		
\$5W										-		₩		
SW							_		ļ			ļ		
WSW				ļ		ļ		ļ	ļ			 		
W			 								<u></u>	#		
WNW	ļ	 	 -	-						 		 		
NW			ļ		 		<u> </u>	 	<u> </u>	-		 		
NNW				ļ			ļ		<u> </u>	-		 		
VARBL										_		1000		
CALM		ı 🔀										100.0		

TOTAL NUMBER OF OBSERVATIONS

94409

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOLTATE	EALL	<u> 28 - 88 -</u>	STATION	I NAME			73	·		YEARS				JONTH .
		_				ALL SE	ATHE 2							<u>∂</u> 7 sαsτ.:
		-				co	KBITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.0		<u>. 5</u>	• ₹								2.3	5.7
	NNE	. 7		3			Ī						• 1	7.5
	NE												• 3	5
	ENE	3												
	£		- 7										• '	5
	ESE		. 3						Ţ				• 5	7.5
	SE	2.5	3 •										7.9	7.7
	SSE	٠, ١	7.5										1	3.0
	\$	12.0	3.3	٠,	. 3								19.0	2.1
	SSW	3.2	6										3.9	2.3
	SW	, 2	1.3										6.1	7.9
	WSW	7	1.0										5.0	2 و ت
	w		ξ ₄ , ξ ₁	. 3									17.4	'.1
	WWW	7.5	الله الله										5.7	49
	NW	1.0	1.5										2.3	4.1
	NNW	. £	ا في ا	1.									1.7	
	YARBL													
	CALM		><	> <			><	> <		> <			78 .1	

TOTAL NUMBER OF OBSERVATIONS

310

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

5.54.1	19. g N. V					13-22							UL
		STATION	MAME						EARS				FORTH
	_				ALL WE	ATHER							10
					c	LASS						HOUR	6 (L.S.T.)
	_					ISITION							
					-	IUI IUN							
	_						-						
SPEED													MEAN
(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	WIND SPEED
И	4 . 1	7.4	1.									15.2	4.2
NNE	1.9	3.2	1.7									6.1	4
NE	1.0		• 7									1.9	2.3
ENE	1.7	• 7								L [1.0	2.5
E	3.5	1.0										2.5	2.9
ESE	. 3											• 3	3.3
SE	1.0											1.5	3.2
SSE		1.0		• 3								1.6	5.6
5	• 5	1.0										2.3	3.7
55W	• 0	1.5	~									2.5	4.6
SW	1.3	1.3	1.0									3.6	5.1
WSW	2.5	1.0										3.6	2.5
*	6.1	4.9	1.7									12.3	4 .
WNW	9.5	£el	*									11.3	3.7
WW	5.1	3.9	1.0									11.7	3.6
NNW		5.2	. 4									8.7	4.1
VARBL													
CALM		\times	\times	> <	$\supset <$	$\supset <$	$\supset \subset$	> <	$\supset \subset$	$\supset <$	\times	13.6	
	37.7	41.1	6.5	. 3								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

309

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17:12	FALLIN. NV		- 32	
STATION	STATIO	M NAME	YEARS	MONTH
		JLL WEATHI	<u> </u>	13
		CLASS		HOURS (L S T.)
		COMPLTION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	4.2	5.3	2.0									12.3	4 . 9
NNE	1.0	3.5	1.3									5.8	5.3
NE	. £i	2.3	.2									3.2	5 - 2
ENE	1.7	1.3										2.5	3.1
£	1.5	1.3										2.3	3.7
ESE	1.5			. 3								1.3	4.3
SE	3	1.3										1.6	3.8
SSE	1		1.7				}			<u>. </u>		2.3	5.1
3	24	•6	1.7									5.5	3.9
SSW	1.0	2.3										3.2	4 . 5
SW	2.3	1.7										4.2	3.1
wsw	1.0	5	1.6									7.7	5.5
w	92	7.7	2.5									15.2	5.0
WWW	1.2	2.3	2.3									7.7	4 • 5
WW	1.3	4.6	2.3							,		8.4	5.4
MMM	2.9	5.5	1.7									10.3	4 . 5
VARBL													
CALM	\times	$>\!\!<$	> <	><	> <	><	$\supset <$	$\supset <$	><	><	\ge	6.5	
	20.7	45.2	17.7	1.0								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

316

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

671.2	FALL No No	73- ^2		JUL
HOITATE	STATION MANE		YEARS	MONTH
		ALL WEATHER		16
		CLASS		HOUPS (LS T.

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.0	10.3	3.07	• 3								15.8	5.4
NNE	2.7	3.5	2.3									8.1	5.5
NE	• 6	1.9	• ?									2.9	4.9
ENE	1.3		• 7									1.7	3.3
e _												1.3	6.0
282	. 3			7								1.6	6.4
ŞE	.3	• 5		3	_ 3							1.6	8.9
SSE		. 3	1.7									1.3	7.6
\$, ₹	, 7									• 6	6.0
\$\$W_	. ?	1.7										1.6	4.0
SW	1.7	1.5	. 3	1.0								4.2	6.2
WSW		2.9	1.6		. 3							5.5	6.2
w	2.6	3.9	4.5	3.2	.6							14.8	7.5
WNW	1.7	4,5	3.2	7.05								11.3	7.1
NW	1.9	4. ?	4 . 0	. 3								11.0	5.9
MNW	1.6	E . 2	7.5	1.0								11.3	t.1
YARBL_											_		
CALM	$\supset \subset$	> <	$>\!\!<$	\times	> <	> <	><	><	><	$\supset \subset$	> <	5 • 8	
	16.1	41.7	26.1	5.7	1.3							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

310

SMOS

⊄US 6PO 1984 741 348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	FALL	15. NY	STATION	MANE			73-27			YEARS				UL
		_				ALL UE	ATHER						NOV E	19
		<u>-</u>				con	_							
	SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	3.5	4.2	- 6	. 6								9.0	4.7
	NNE	1.2	3.2	خم									7.1	3.9
	NE	3 0	- /						[I			4 1	2.0

(KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND SPEED
N	3.5	9.2	é	-6								9.3	4.
NNE	1.2	3.2	څم									7-1	3 - 3
NE	2.9	2.4										6.1	3 • 1
ENE	3.2	2.9							I			6.1	3.
E	1	. 5		3								1.6	5.
ESE												. 3	12.
SE													
SSE	3			1.3			1 _					1.9	10.
5	4.5	3	1.9	1.0								3.9	5 .
SSW		3	3									1.0	9.
SW	• 3	3										•6	3.
WSW	1.3	1.3	1.2	1.6								6.5	3.
w	2.3	5.2	11.9	4.2								23.9	8.
WNW	1.5	3.5	3.8	نا م ا								11.5	7.
NW	1.5	2.5	3.2	1.3								8.4	6.
NNW	1.2	3.9	2.3	. 3								5.€	5.
VARBL													
CALM		> <	\times	><	\times	\times	$\supset \subset$	$\supset <$	> <	$\supset \subset$	$>\!\!<$	6.1	
	22.3	29.0	29.7	12.3	. 3	. 3						100.0	6.

TOTAL NUMBER OF OSSERVATIONS

310

SMOS

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93112	FALLON, NV	73-82	JUL
STATION	STATION NAME	YEARS	MONTH
	·	ALL WEATHER	2?
		CLASS	HOURE (L.S.T.)
			_

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	3.4	1.0	• 7								6.8	5.5
NNE	1.0	. 3	. 7									2.0	4.8
NE	7	1.0	ļ									1.7	4.0
ENE	7	- 3	,7									1.7	4.8
e			[
ESE	• 7	3										1.0	3.7
SE		• 3	• 3									• 7	7.0
SSE		. 3										• 3	4.0
\$	1.07	2.0	1.4									4.4	5.0
SSW	.7	, 7	.3									1.7	4.4
SW	1.0	1.7	.7									3.4	4.7
WSW	1.4	2.4	1.0									4.7	4.4
w	7.1	11.8	4.4									23.3	4.7
WNW	4.1	13.2	3.5									20.3	4.8
NW	7.4	4.4	1.7									9.5	4.5
NHW	2.4	3,4	7									6.1	4 • G
VARBL													
CALM	><	$\geq <$	><	$\geq \leq$	>>	><	>>	>>	> <	><	> <	12.5	
	25.7	45.5	15.5	.7								100.0	4.1

TOTAL NUMBER OF OSSERVATIONS

296

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	FALLON - NV STATION HAME	73-32 YEARS	JUL NORTH
		ALL WEATHER	MOURS (L.S.T.)
		COMPLYING	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.9	5.5	1.6	. 3								19.Z	4.9
NNE	1.6	2.3	1.0									5.0	4.7
NE	1.1	1.4	- 3									2.7	4.2
ENE	1.2	. 8	•2									2.2	3.6
	, 5	- 7	. 1	. 1							_	1.4	4.4
ESE	. 4	. 2	.1	. 2								.9	5.1
SE	.7	, é		. 1	1							1.4	4.5
SSE	1.0	. 7	. 4	. 3]		2.4	5.1
\$	2.5	1.4	. 9	• 2								5.3	4.2
SSW	1.0	1.1	• 2	. 1								2.3	4.2
sw	1.7	1.4	- 4	. 2]				3.7	4.2
WSW	1.8	2.3	1.0	. 3	41	1						5.5	5.2
w	5.2	6.3	4.2	1.4	• 2							17.2	5.7
WNW	3.1	3.6	2.5	. 5								11.8	5.3
NW	2.3	3.6	2.1	. 3								2.5	5.1
NHW	2.0	3.6	1.6	. 2								7.4	5.0
VARBL													
CALM	$\supset \subset$	> <	\times	>>	$>\!\!<$	$\supset <$	><	$\supset <$	$\supset <$		><	12.1	
	29.4	37.4	16.5	4.0	. 3	- 1			<u> </u>	1		190.0	4.4

TOTAL NUMBER OF OSSERVATIONS

1 2 4 6

MOs

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_	7 466)n, NV -	STATIO	WAME		CONT.	73 ATHER		,	FARS				UG HERTH D1 E(LET)
	SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 · 40	41 - 47	48 - 55	≥34	%	MEAN WIND SPEED
r	N													
r	NNE													
Г	NE													
r	ENE													
r	· ·	i												-
Н	ESE	<u> </u>												
┝	\$#	33.3											33.3	2.0
	350	1											1	
Г	8													
Т	SSW													
	sw													
Т	WSW	33.3											33.3	2.0
	w													
Г	WNW													
	NW]							
	NHW													
Г	VARBL													
Г	CALM		$\overline{}$			$\overline{}$		$\overline{}$		\sim			33.7	

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FALL	DN. KY	STATIO	W HABE			73		 ;	reads		·		
	_				PLT A	ATHER							
	-				601	10-17-10-11							
SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 · 27	26 - 33	34 - 40	41 - 47	44 - 55	≥54	*	
N													
NNE												1	
NE													
ENE													
£ _									L				
ESE									<u> </u>				
SE				_								↓	
\$58				-			<u> </u>	 	 			}	
\$	33.3							 	 			33.	
\$\$W	 	····		 		···		 		-		₩	
sw wsw			-	 		 	ļ	 	 	 		#	
W				 					 			 	
WW			†	†				<u> </u>	† 				
NW												1	
NNW													
VARSL													
CALM	><	$>\!\!<$	$>\!\!<$	$>\!\!<$	\times	><	$>\!\!<$	$\geq \leq$	$\geq <$	\times	>>	66	
	33.3											100.	

TOTAL NUMBER OF OBSERVATIONS ________

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

v7112	FALLON, NV	73 − ∂ ≥		AUS
STATION	STATION NAME	YEA	15	MONTH
		ALL WEATHER		27
		CLASS .		HOURS (L S T
		COMBITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N		7	.7									1.3	5.8
NNE		1.0										1.0	5.6
NE	• 3											• 3	3.0
ENE]				
E	• 5											• *	1.0
ese	1.3	• 3										1.6	3.0
SE	4.3	1.0										5.9	3.1
SSE	3.5	3.3	. 7									12.5	3.1
\$	12.4	5.9	. 7									24.6	2.8
SSW	4.3	1.3										5.6	2.9
SW	2.3	. 3	3									3.0	3.1
WSW	1.5	. 7										2.3	3.C
	2.3	1.0	. 7									3.0	3.7
WNW	1.0	1.0	4.7									2.3	4.1
NW	- 3	1.0										1.7	3.8
NNW	1.2	. 7		. 3								2.0	4.5
VARBL													
CALM	$\supset \subset$	\times	\mathbb{X}	\times	\times	>><	\times	\times	\times	> <	\times	32.1	
	45.9	18.7	3.0	3.								130.2	2.1

TOTAL NUMBER OF OSSERVATIONS 305

A. .

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23102	FALLON. NV	13-92		A U G
STATION	BINAM MORTATE		YEARS	MONTH
		ALL WEATHER		10
	•	CLA96		HOVES (L.S.T.)
		COMPITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	4.3	5.2	3	3								10.2	4.1
NNE	7.2	2.3	1.0	. 3								6.7	4.3
NE	2.3	1.5	3			<u> </u>						3.3	3.3
ENE	. 3	1.0	. 7			Ī						2.6	4.8
E	1.3	1.5										2.3	3.0
ESE	. 7	- 7										1.3	3.3
SE	7	7	. ₹									1.3	4.9
SSE	1.3	1.0	7									3.0	4.2
\$	7.3	1.6	1.0						<u> </u>			5.9	3.4
SSW	7		7									3.0	4.1
sw	2.3	1.3	1.0			1				<u> </u>		4.6	4.2
wsw	1.3	1.6	7				<u> </u>					3.6	4.7
w	5.2	4.6	1.3									11.1	3.9
WHW	2.3	3.6	1 7									6	4.0
NW	2.5	4 . 3	• 7									7.5	4.0
NNW	2.5	4.3		.7		†	———	 -				7.9	4.7
VARBL		- - 9 B - J				 						† · • · • · · · · · · · · · · · · · · ·	
CALM	$\supset \subset$	>>	\times	>>	>>	>	>>	>>	> <	>>	> <	19.3	
	34.1	36.4	2 Q	1.3								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

305

SMO8

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

97172	FALLON. N.	712		406
STATION	STATION HAME		YEARS	HTMON
		ALL WEATHER		13
		CLASS		HOURS (L.S.Y.
		COMPITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	3.4	4.9	1.0									10.2	4 . 5
NNE	1.7	3.0	1.6							L		6.6	5.3
NE	1.2	3	1.0					L				4.9	5.0
ENE	1.7	. 7	. 7			Ī						2.6	4 . 5
E	- 3	7										1.0	3.7
ese	• 7	• 7	_ • 7					}				2.5	5.2
S.E	3	1.3	. 3									2.0	5.0
352	• 3		3									1.0	5.3
\$	1.6	3.6	.7	3								6.2	5 • 2
SSW	1.0	3.€										4 . 7	4 9 4
SW	2.6	1.5	. 3	• 3								4.0	4 . 5
wsw	2.3	2.3	. 7	7								4.7	5.0
w	1.6	6.9	2.5	. 7	. 7							12.5	6.3
WNW	2.6	2.5	2.6									8.9	4.9
NW	2.3	3.9	2.3									8.5	5 . 2
NNW	1.6	7.2	2.6	. 3								11.5	5.4
YARSL													
CALM	$\supset \subset$	> <	> <	><	> <	$\geq <$	> <	$\geq \leq$	$\geq \leq$	$\supset <$	>>	7.9	
	25.2	45.6	17.4	2.3	. 7							120.0	4.7

TOTAL NUMBER OF OBSERVATIONS

305

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

53172	FALLON. NY	73-92	AUC
STATION	STATION NAME	YEARE	HONTH
		ALL WEATHER	16
		CLADS	HOURS (L.S.T.:
	<u></u>		
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.6	8.2	4 . 3	. 3								15.4	5.6
NNE	1.6	3.7	2.0									6.5	5.3
NE	1.5	- 2 a t	ننم 1									4.6	S.D
ENE	1 . 7	1.0	1.7				J					3.3	4.8
E	-143	100										3.2	5.9
ESE	. 3											. 3	1.0
SE		. 7	. 7									1.7	6.3
SSE		. 7		. 3								. 7	3.5
5		7		. 3								_1.5	₹.7
55W			3									.7	7.5
SW	. 3	, ,	1.0	1.0	1.3							3.9	12.3
WSW	1.:	1.5	. 1	1.6	. 3							.5.2	5.3
w	1.5	2.3	7.0	3.2	. 7							14.8	9.7
WNW	2.3	2.6	3.6	2.0								10.2	7.2
NW	1.0	4.6	3.0	. 7								9.7	6.1
NNW	2.0	6 . 2	4.3	.7								13.1	5.4
VARBL													
CALM	\times	$>\!\!<$	\times	$>\!\!<$	> <	> <			$\supset <$	$\supset \subset$	> <	6.5	
	16.1	36.1	25.2	13.4	2.6							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

305

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2.10.7	744634. NV	73-10	A:je
STATION	STATION MAME	YEARS	HONTH
		ALL WEATHER	1¢
		CLASS	HOURS (LS T
		COMBITION	

SPEED (KNTS) DIR.	1 . 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•	77	1."	1.5	• 3						-	11.2	5.1
NNE	4.3	4.3	. 7									÷ . `	3.6
NE	2.3	3.0										5.3	3.4
ENE	7.7	3.0		• 3								5.5	3.5
ŧ	1.0		1.0									2.5	5.5
ESE			3		. 3							• 7	15.5
SE		• 7	. 7									1.5	7.5
332			. ?	. 3								• 7	8.0
5	1.7	. 7	. 7	, 7								3 • 3	6.3
\$5W		1.3	• 3						l			1.3	5.8
SW	• 3	• 3		1.0	. 3							2.0	17.7
WSW	. 7	1.5	_1.3	1.0								3.5	7.3
w	1.2	6.2	3.9	3.0								19.4	7.6
WNW	2.3	4.5	6.6	. 7	. 3							14.5	5.9
NW	1.0	2 • €	2.5	. 3				<u> </u>				6.5	6,4
NNW	1.5	3.0	1.3			Ĺ				Ĺ		5.6	4.2
VARBL													
CALM		\times	><	$\geq <$	$>\!\!<$	><	><	$\geq \leq$	><	><	><	6.2	
	24.7	34.2	25.3	8.5	1.3							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

304

SMOS

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13

3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2172	FALL	15 N 1					12-77	:	72-72							
STATION			STATIO	NAME						YEARS				ONTH		
		_				ALL wi	ATHE P							7.7		
						c	LASS						HOUR	(L S T		
		-			. 	COA	IDITION									
	SPEED (KNTS)	1 - 3	4 - 6	7 - 10	17 - 16	17 - 21	22 - 27	28 - 33	34 · 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND		
	DIR.												<u></u>	SPEED		
	N	E all	2.4	1.3									<u>.</u> و	3.0		
	NNE		1.2							Ţ			2.4	5		
	NE			i									1.5	4.5		
	ENE													4.		
	ŧ		. 4										٥	3.1		
	ESE												• "	5		
	SE	- 3	3:		- 1,						<u> </u>		1.5	5.0		
	SSE	3.1	1.7							1			2,	3 . 4		
	\$	î	1										3	6.9		
	SSW	1.0	1.										2.8	3.0		
	SW			ل ا									3.6	3.7		
	WSW	1.0		. a									?•	4		
	w	4	3.9	3.2	i	• 4				T			16.1	3.1		
	WNW	4.0	7.3	5.2	. 4						<u> </u>		15.4	5.2		
	NW	1	1 1	1.7									15.	4.5		
	NNW		2.0	214				<u> </u>		<u> </u>	1		4 6	4 . 5		
	VARBL	,											•			
I	CALM		\times	> <		> <	>	\times	><			><	15.0			
	عضا سينحسبس															

TOTAL NUMBER OF OBSERVATIONS

247

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	FALL	A. V. V.	77-77											AUG	
STATION			STATIO	HAME						YEARS				TONTH	
						ALL ME	ATHER							LL	
						•	LA SO						HOUR	\$ cL \$ T :	
						CON	SITION								
		-						 			_				
	SPEED (KNTS) DIR.	1 . 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
	N	3.4	B . ?	1.4	• 3	.1							9.5	4.3	
	NNE	1.9	2.7	• 9	• 1							_	5 • é·	4.5	
	NE	1.2	1.7	• ",									3.4	4.3	
	ENE	1.1	1.2	• 4	•1								2.7	4 . 1	
	E	. 7	. 7	,	. 1	• 1							1.7	4.6	
	ESE		. 4	• 2		• 1	1						! -! -1	5.1	
	SE	1.7	. 8	• 7	• 1								2	4.4	
	SSE	1.7	1		• 1								3.4	4.0	
	3	9.4	7.4	• 5	. 3								7.5	3.8	
	SSW	1.2	1.5	• ?									2.9	3.9	
	SW	1.0	• B	• <	. 4	• 3							3.7	6.1	
	wsw	1.5	1.4	• 6:	- 5	• 1							3.9	5. P	
	W	2.5	4 . 2	3.4	1.7	. 3							12.9	5.6	
	WNW	2.5	3.5	2.3	. 5	.1							9.3	5.8	
	NW	1.7	4.2	1.5	• 2				<u> </u>				7.8	5.1	
		 												F 1	

TOTAL NUMBER OF OBSERVATIONS

1777

14.7

100.0

SMOS

VARSL

CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u>FALL</u>	<u> </u>		M HAME			7 7			YEARS			<u> </u>	EP HONTH
		- IATRO			ALL DO	. A PLIC TO			140,00				24
	_				-1-1-B-	ATHE ?						HOUR	8 (L.S.T.
	_					IBITION							
	<u> </u>		1		<u> </u>	1		Γ					
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEA WIN SPEE
N													
NNE													
NE													
ENE													
ŧ													
ESE													[
SE	60.0					L						50.0	2.
SSE													
3													
SSW	00.0			I					<u> </u>			50.4	7.
sw													
wsw				<u> </u>	L	ļ <u>.</u>	L					1	<u> </u>
w	1			<u> </u>									
WNW			ļ <u>.</u>									<u> </u>	L
NW						<u> </u>			<u> </u>	ļ		L	
NNW									Ĺ			1	Ĺ
VARBL						Ļ,	L	Ļ.,		<u></u>			
CALM		$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	\sim	• 0	
	100.2]	i				100.3	٤.

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

SEF

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-75,77-82

STATION			ETATIO	I MAME					YEARS					IONTH
						ALL WE	LATHER							67
						•	LASS						HOUR	6 (L.S.T.)
		_	··				MOITION							
		_							_					
	SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N		•		3.1								1.3	10.0
	NNE													
	NE												- 2	2.0
	ENE	م و			. 4								1.1	5.3
	E													
	ESE	د .											۹.	2.0
	SE	3.0	• 3										4.5	2.6
	SSE	15.0	2.3	, c			ľ						13.9	2.9
	S	12.5	1.1	4									13.5	2.3
	\$5W	7 4	1.1										4.5	2,8
	sw	2.5	<u>.</u>										3.4	2.3
	wsw	2.4											2.5	2.0
	W	3.0											4.5	2.4
	WNW "	1.5	9				Ī						2.3	3.3

TOTAL NUMBER OF OSSERVATIONS

266

44.0

100.0

3

YARBL

CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11.2	FALL	3N - N /					73-75	.77-82						EP .
STATION			STATION	I RAME				•		YEARS			•	IONTH
						ALL WE	ATHER							15
						•	LA 96						110 U R	CLST
		_				cea	DITION				_			
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	5.3	2 4	1.9	1.1								11.7	4.5
	NNE	2.3	2.6	2									5.6	4.0
	NE	آ ونم		2									1.5	4.5
	ENE	1.1		- 12									1.5	3.5
	E	1.1	. 4	4									1.9	3.8
	ESE		. 2	£									2.3	4.5
	SE	1-1	. 4		. 4							I	1.9	4.2
	SSE	3.E	. 4										3.3	2.3
	5	7.0	2.3	1.45									6.8	4.4
	SSW	, ž.											ğ.	1.0
	SW	1.7	1.5										4	2.5
	WSW	9.5	. 4										4.7	2.5
	w	5.4	2.3	- 4						I			9.0	2.5
	WNW	1.2	8	4	. 4		l						3.4	4.7
	NW	1.5	_ & &				l						2.6	3.0
	NNW	4.5	4.5	2.3	4								11.7	4.6
	VARBL													
	CALM		><	> <	> <	> <	><	> <	$\supset \subset$	$\supset <$	$\supset \subset$		25.2	

TOTAL NUMBER OF OBSERVATIONS

265

100.0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> </u>	FALLIN, NY	13-15,77-82	SEF
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1?
		CLASE	NOVES (L S T
		COMPLETION	

SPEED (KNTS) DIR.	1 - 3	4-4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 · 55	≥ 54	*	MEAN WIND SPEED
N	4 , 5	6.4	1.0	. 4	. 4	. 4						14.7	5.7
NNE	7	is a	3 . 4	-4								10.9	5.5
NE	1.5	3.5										4 . 5	4 . (
BNE	3.1	1.1										2.3	Z .
£ .	1.1	1.1							.			2.3	2,
ESE	1.9	3.0		. 4								5.3	4 .
SE	4	1.1										1.5	4.
SSE	2.7	. 3										3.8	3.
\$	2.3	2.3	. 4									4,0	4.
\$5W	1.5											1.5	2.
5W	1.9	1.1	.4									3.4	3.
wsw	1.1	£	. 4									2.3	3.
w	2.5	3.9	۵	. 4	. 4							7.1	5.
WNW	2.3	2.3	ج .									6.7	4.
NW	2,4	3.0	1.1	4								7.9	4.
NNW	2.3	5.3	1.5	4								9,4	5.
VARBL													
CALM	$\supset \subset$	$>\!\!<$	\times	\times	\times	><	><	> <	$>\!\!<$	$>\!\!<$	$>\!\!<$	12.8	
	34.2	36.3	11.3	2.3	. 9	. 4						100.0	4.

TOTAL NUMBER OF OSSERVATIONS _______ ?66

SMO8

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_ fal	LIK. NV		73-75,77-52 STATION NAME VEANS										SEE.		
		STATIO	I WHE					,	YEARS				HONTH		
	_				ELL AE	ATHER							<u>} 6.</u> B (L 5 T)		
					•										
	-		CÓRBITION												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED		
N	2 . 1	12.4	7.5	1.9	. 4							25.2	6.2		
NNE	1.0	7.3	5.0	Ŕ.								15.5	6.2		
NE	2.0	5.4	1.5	4								10.4	3.3		
ENE	1 =		4									2.5	3.5		
E	- 4	1.1										1.0	4.3		
£3E		3		. 4								1.1	5.3		
SE		4			. 4							3.	11.5		
55E	4											- 4	3.0		
\$	4	1.5	, c									2.5	5.0		
55W_												1			
SW	4	. 4	. 4									1.1	5.3		
WSW		1.0								}		2.6	5.4		
w		2.5	2.3	2.3	8							8.3	9.1		
WNW	1.9	2.3	ń	1.5								6.4	6.2		
NW	1.1	3. 3	1 20	. 4								8.3	2.6		
NNW	1.0	2.3	3.↑	. 8								7.0	6.1		
VAPRI							1	<u> </u>	1	t t		 	 		

TOTAL NUMBER OF OBSERVATIONS

256

940

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		7 4 4 5 4 7 9 17 9 2												1 r
H			STATIO	HAME						YEARS				1047#
		_				ALL WE	ATHER							19
		-		<u> </u>		e	LASS						H9V @	S CL S T -
		_												
						CON	DITION							
		-												
ı	SPEED				Ţ				1	T				MEAN
	(KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND SPEED
	N	31 . 3	6.3	2.3	. 4	. 4							18.0	4.4
ı	NNE	6.3	2.2	1.1									10.9	3.7
	NE	6.0	1.3							I			8.6	2.7
(ENE	1.5	4										1.0	2•₺
I	l l	1.1	1.1	ခ									3.0	4.6
I	ESE		- 5	- 4	. 4								1.5	7 - 3
I	\$12	4		ia.	. 4								1.5	7.8
I	552				. 4					Γ			• 13	7.5
Į	\$													
[SSW			1.1									1.1	8.7
I	SW	- 4	. 4										۰۶	3.0
ĺ	WSW	1.1								I			1.9	3,4
ľ	W	2.5	4.5	5.5	1.5								14.3	6.7
[WWW	4.5	2.6	1.1									8.7	3.9
[ŅW	2.6	2.6	, ti	. 4								6.7	4.5
Į	NNW	2.3	3.0	. 5	. 4								6.4	4.8
1	VARM												1	

TOTAL NUMBER OF OSSERVATIONS

266

SMO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION .	FALL SA NV STATION MARK	71-75.77-92 YEARS	SEP MONTH
		ATHER	BOURS (L.S.Y.)
	COM	MYDDR	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.1	3.3	1.7	á								7.9	5.6
NNE	1.2	. 4	, ii	. 4								2.5	5.2
NE	2.1		- 4									3.3	4.)
ENE		4										-4	5.0
8	<u> </u>	. 4										1.2	3.5
ESE	. 4			. 4								. 8	5.
SE	- 4	. 4	, ç									1.7	5.0
322	6	1.2		a ti								2.5	5.7
S	1.7	- 9	. 8									3.3	4 . 5
SSW	2.5											2.5	3.5
SW	4.1	1.3	. 4									5.2	3.0
wsw	2.5	1.2	, b									4.1	3.4
w	3.1	3.4	. 5									15.4	3.5
WNW	400	4.1	1.7									10.0	3.7
NW	2.7	107	. 0.									3.4	3 • ô
NHW	2.7	.2.5	. 2	. 4								7.5	4.2
VARSL													
CALM	$\supset \subset$	$>\!\!<$	> <	\times	> <	> <	$\supset <$	$\supset <$	$\supset <$	$\supset <$	> <	25.7	
	39.0	24.1	£ • 7	2.5								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

241

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

71.3	SALLON. NV	73-75,77-82	SEP
STATION	STATION HAME	YEARS	MONTH
		ALL WEATHER	ALL
		CLASS	HOURS (L.S.T.
		COSPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥56	*	MEAN WIND SPEED
N	3.0	5.5	2.5	1.7	. ?	. 1						13.2	5.5
NNE	2.4	3.1	1.9									7.7	۲.,
NE	2.4	2.2	4	. 1								5.0	4.1
ENE	1.0	- 4	• 1	• 1								1.7	3.5
ŧ	• 3	• 7	.?									1.7	3.€
ESE	• 52	٥	174	. 3								2.5	5.2
SE	1.1	. 5	- 3	. 1	•1							2.0	4.6
222	2.0	9	• 3	• 1								4 - 1	3.4
\$	3.2	1.3	.5									5.2	3.6
35W	1.4	• 2	€.									1.8	3.0
\$W	1.0	• •	•2									2.9	3.1
W\$W	2.1	<u> </u>	• 1	• 1								3.1	3.3
W	4.1	3.1	1.	• 7	• 2							9.7	5.1
WNW	2.9	2.1	. 7	. 3								6.5	4.3
NW	2.1	2.1	1.0	. 2								e . 7	4,7
NNW	2.4	3.1	1.4	. 4				i				7 o ĉ	5.5
VARBL													
CALM	\boxtimes	$>\!\!<$	> <	>>	> <	><	><	$\supset <$	><	$\supset <$	>>	21.6	
	35.2	27.3	11.7	3.5	. 4	. 1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 1573

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	ELLI	N. N.	STATIO	H KANE			7.		 ,	EA#5	- 			CT
						ALL WE	ATHER						MOUR	174 5 (L.S Y.)
		-				CON	PITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N													
	NNE													
	NE													
	ENE	1		<u> </u>										
	ŧ	1							<u> </u>					
	ESE					L			ļ					
	SE	13503		L		<u> </u>			ļ	ļ			33.2	1.5
	SSE	1		ļ					ļ				 	
	5	1 222				ļ			}	}			33.3	5.0
	SSW							ļ	ļ					
	SW	1207		}	 				 	 			<u> </u>	2.0
	WSW	 		 	 	 				 	 		 	
		#		 			<u> </u>				 		 	
	WNW			 					 	 	 		#	ļ
,	NWW	#		 	 	 		 	 	 	 		 	
1	VARBL	#		 	 	 			 	 	 		 	 -
	CALM		\sim	\sim	>	>>	>	> <	\sim	\times	\sim	>	•3	
,		185.0	·										100.0	1.7

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

· *1 12	PALL No NV	73-62	907
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	97
	·	CLASS	HOURS (L S T
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. ?		. 7	. 7								2.0	5.7
NNE	ا تو:	7										1.5	3.0
NE													
ENE	7		. 2									• 7	5 5
E		,				l			L			• 1	4 g ()
ESE	1.0	. 7							İ			1.5	3.0
SE	3.0	. 7				<u> </u>						3.6	2.5
SSE	6.0	1.6	. 7	. 3								9.7	3.2
5	6.6	1.3	ت						l			7.9	2.4
\$\$W	1.6	. 3		. 7								2.3	3.6
SW		1.3	2									3.6	3.8
WSW	7.5											2.6	2.3
w	2.7	. 7		. 7		<u> </u>						3.5	4.5
WNW	_ E _ 1											2.0	2.5
NW	7	1.7	3									2.0	4.2
MMM	7	,	7									1.3	5.0
VARBL													
CALM	$\supset \subset$	\times	\times	><	><	$\triangleright <$	$>\!\!<$	\times	$\geq \leq$	><	><	55.7	
	30.5	8.5	3.3	2.0								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 305

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOITATE	STATION NAME	77-20 YEARS	OCT MONTH
		SEL MEATHER CLASS	MOURS (LST)
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.0	2.5	2.6	- 3								7.	5.7
NNE	, t	. 7	7									1.5	6.0
NE	}		7					<u> </u>				. 7	7.5
ENE		7							<u> </u>			1.	4.5
ŧ	3.0							Ĺ				2.0	1.0
ESE	105	7						L				2.3	2.7
SE						<u> </u>		ļ		ļ		3.0	1.9
SSE	2.5		1.3	7	ļ	<u> </u>		<u> </u>				5.6	4.6
3	7.2	3.17	1.5	1.5		Ĺ. <u>.</u>						13.1	4.9
SSW	2.5	1.0										3.5	3.3
SW	2.0	1.7		-3				ļ	ļ			3.5	4.1
WSW	2.6		7	3		<u> </u>						405	4.1
w	543	نعل	. 7			ļ			L			7.0	7.5
WNW	نعتا	1.1				 _			ļ	ļ		3.17	3.0
NW	1.6	3_	1.0		ļ <u>.</u>	ļ		ļ				3.3	5.4
NNW	3.6	1.€	1.7	• 3	. 3				l			7.2	5.5
VARBL						<u></u>			<u></u>			1	
CALM	><	> <	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	29.5	
	39.7	17.0	G . g	3.9	. 3							180.n	3.8

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TATION	5° 55 E	J	STATION	HAME			7 ? - 2 ?		 ,	YEARS			OCT HONTH		
						ALL WE	STHE P						HOUR	13	
		_ _				COM	BITION				_				
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED	
	N	5.5	7.4	2.	• 7								16.1	4.4	
	NNE		5.0	- 3									F		
	NE	2.7	3.5	1.0									7.7	4 . 5	
	ENE	٠, ١	1.0										3.7	3.4	
	E.		7										2.5	2.5	
	ESE	1.7	1.3							I			2.5	7.6	
	SE	. 7		• .	• ?	. 3							1.6	9.4	
	SSE	1.7	1.7	7									3 • 7	4.0	
	5	1.6	2.3	7 7	7					1			6.0	4.1	
	SSW	1.3	. 7	, 7	. 7								3.	5.1	
	SW		7			. 3				<u> </u>	L'		1.00	- V . (*	
	wsw	1.	1.5	• 7	. 3					<u> </u>			4.7	1.5	
	w	, =	1.7	1.5		. 7							F.C	5.6	
	WNW	2.7	1. 1		. 3						<u> </u>		3.4	4: , 5	
	NW	7 7	7	- 3	1.0								5.0	5.1	
	NHW	103	3.:	3.4	. 7			Ĺ		<u> </u>			4.0	ۥ2	
	VARBL														
	CALM	$\supset <$	><	$>\!\!<$	><	$>\!<$	><	><	><	><	$\supset <$	><	14-1		

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11 1	7.7.6.1	N					73 - N						3	7 T
STATION			STATIO	-						YEARS				-
						111 25								1 1
		_			,		LA SS			<u>-</u>			HOUR	8 - L 8 T
		_												
						CON	BITION							
	SPEED	Į ·							1		T		,	
	(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	~	MEAN
	DIR.											<u> </u>		SPEED
	N	у с	17.1	6.7	1.6								7 4 6 7	
	NNE	3. 7	17.3	5.2										
	NE	خمد	6. 6.	7 7									11.	
	ENE	3	3 3	. 7										-1
	E	1.0	1											7.
	ESE				. 3								1.	7,7
	SE										1		, ,	
	SSE		1.6		. *								i 2 • ·	
	S		1	, ,	. 7								2.6	
	SSW	1 . 3											:	
	sw			. 3	. 7									
	wsw			_1	1.0	. 3								
	W		10.5	1.5	2.0	3								<u> </u>
	WNW		1.3	• 3	1.3								7	f, .
	NW	.7			. 3								5.	7
	NNW	1.0	1.0	2.5	• 3									•
	VARBL												i.	
	CALM												•	
			\sim			\leftarrow			\leftarrow		\leftarrow	\leftarrow	——	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

9 ()	- N					73.00						f,	CF
		STATIO	NAME.						YEARS				IONTH
					ell WE	TATHER							19
						LASS						HOUR	E (& S T
					coi	DITION							
	_												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 · 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N N	1 - 1	2				 	 					17.4	3.3
NNE	, .											C .	2.7
NE						<u> </u>						6.5	2.8
ENE						<u> </u>						2 • 4	7.4
E						1						. 7	1.7
ESE	. 7											.7	٠.٠
SE			•									1.0	5.7
SSE		1.0										2.	3.5
5	1.	1.	• 2	• 3								2.6	5.1
SSW	• 7		• 7									1.7	0.5
sw		1 • "										1	4.0
wsw	.,	• ?	1.	• 7								3.	€ • "
W				1.6								11.2	5.4
WNW	3.7	2										5.0	3.7
	SPEED (KNTS) DIR. N NNE NE ENE E SSE SSE SSSSSSSSSSSSSS	(KNTS) DIR. N I 1 1 NNE NE ENE ESE SE SSE SSW SSW WSW WSW	SPEED (INTS) 1-3 4-6	SPEED (KNTS) 1-3 4-6 7-10 DIR. NNE 1-1 7-10 DIR. NNE 1-1 7-1 7-1 PER 1-1 1-1 PER 1-1 1-1 PER 1	SPEED 1 - 3 4 - 6 7 - 10 11 - 16 (KINTS) DIR. N 1 - 1 2 - 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	SPEED 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21	SPEED 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 22 - 27	SPEED 1-3 4-6 7-10 11-16 17-21 22-27 28-33 N	SPEED 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 34 - 40	SPEED (KNTS) 1 - 3	SPEED 1 - 3	STATION RABE STATION RABE	SPEED 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 34 - 40 41 - 47 48 - 55 ≥ 56 %

TOTAL NUMBER OF OBSERVATIONS

SMOS

NW NNW VARBL CALM

3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	FALLON No	7.7 - s.:		007
STATION	STATION NAME		YEARS	MONTH
		ALL SEATHER		22
		CLASS		HOURS (L S.T
		COMPITION		
	<u> </u>			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.5		7	. 7		. ?						3.5	7.2
NNE	<u>. </u>	7										1.7	4.0
NE	1.3	7										2.0	2.3
ENE	1.5	. 3										1.5	3.0
E	. 7											• 7	2.0
ESE	- 3											• 3	3.0
SE	1.3	3										2.0	2.5
SSE	5.4	2.3										6.2	2.5
\$		1.8	1.6	. 3				l	Ī			10.2	3.4
SSW	3.6		. 3					I				3.5	3.1
SW	2.0	1.0	. 3					I				4.3	3.4
wsw		1.5										3.7	3.3
w		2.0	. 7	• 2								8.2	4.2
WNW	. 7	2.3]				3.0	2.9
NW	1.0	1 o 6.	4.7	. 3								3.5	4.6
NNW	1 - 7	1.3	. 7									3.0	4.1
VARBL													
CALM	\times	> <	\mathbb{X}	\mathbb{X}	\mathbb{X}	> <	\times		> <			41.0	
	36.1	16.7	4.3	1.5		. 3						100.0	2.2

TOTAL NUMBER OF OBSERVATIONS

755

eme e

SIM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

571 3	FALL H. NV			73-22	•				C	CT
STATION		STATION NAME			<u> </u>	١	EARS			HONTH
			 ALL I	REATHER						LL
	_			CLA SS					HOU	S (L S T
	_		 							
				COMBITION						
	_		 							
_			 					 		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	4.5	4.3	2.3	. 7		1						11.3	5.0
NNE	1.	7 0	1.5									6.7	4.7
NE	1 7	2.1	• 5/									4.7	4 . 5
ENE	1. "	1.7	• ?									2 • :	3.9
E	1.	• 3										1.3	2.5
ESE	0	• 5	·i	• !								1.4	
SE		. 2	• .	• 1	• 1							2.0	3.7
SSE	2.9	1.5	, li	• 2							-	5.1	3.1
\$	3.7	1.6	iel	. 6								7.5	4 . 5
SSW	1.4	, ii	• 7	• ?								2 . ?	4
SW	1.0	. 13	• 7	• 1	- 1							2.4	4.4
W\$W	1.7	• 3	ŗ,	. 4	•1							3.6	5.0
w	3.7	1.7	.7	Q	. 2							7 • 1	5.5
WNW	2.6	1.4	• 1	. 2								3.7	4
NW	1.7	1.3	. 7	. 3								4.5	5.0
NNW	2.1	1.7	1.3	. 3	•1							5.5	5.3
VARBL											•		
CALM	\boxtimes	>>	$\supset \subset$	>>	> <	> <	><	\times	><	$\supset \subset$	$>\!\!<$	28•≒	
	33.0	23.5	13.2	4.0	. 4	.1						120.0	3.3

TOTAL NUMBER OF OBSERVATIONS 1333

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOPTATE	FALL	St. NV	TATION NAME YEARS								N	NOV			
		_				SLL WE	ATHER						HOU	HOURS (LS T	
						COL	1927 ION								
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
	N	1											†		
	NNE														
	NE														
	ENE			I											
	E			100.0									170.5	6 • ↑	
	ESE			<u> </u>									1		
	SE														
	SSE														
	\$			l											
	\$5W			<u> </u>											
	5W_													i	
	wsw	1		<u> </u>									1		
	W	1													
	WWW	1		<u> </u>											
	NW	4		ļ	ļ										
	NNW			ļ										ļ	
	VARBL			Ļ		<u> </u>	Ļ.,						_	<u> </u>	
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	•3		
				100.0									198.9	ن و ح	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11.5	FALLSS. NY		73-92		NOV
STATION		STATION NAME		YEARS	MONTH
			ALL WEATHER		97
	- -		CLASS		HOURS (L.S.T.)
	-		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	:.3	• 3	• 3	. 7								2.4	6 • C
NNE	. 7		7									1.0	4.7
NE	1.4	3										1.7	2.4
ENE	1.											1.3	2.0
ŧ	1.7	<u>.</u> 3	• 7									2.4	2.6
ESE	1.3	. 7										1.7	3.0
\$£	1.7	• 3	, 7	• 3								2.7	4 . 8
SSE	7.1	2.4	. 7									5.5	3.5
\$	4.4	7.7	. 7	1.0								9.1	4.4
SSW	2.0											2 • 5	2.0
sw	1.7	1.7										3.4	3.4
WSW	104	3	7	3								2.7	5.6
w	2.7	. 3	. 7									3.7	3.4
WNW	1.4		. 3				·					2.7	3.3
NW	1.7	1 . 4										3.1	3.2
NNW	2.0	• 7	• 7									3.4	3.6
VARBL													
CALM	$\supset \subset$	\times	$>\!\!<$	> <			> <	$\supset <$	$\supset \subset$	$\supset <$	>>	51.2	
	23.4	12.9	4.7	2.4								100.0	1,6

TOTAL NUMBER OF OSSERVATIONS

275

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

221.2	FALLOE NV	73 = .2		NOV
STATION	STATION NAME		YEARS	MONTH
		ALL HEATHER		10
		CLASS		HOURS (L S.T.
		COMBITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.5	1.0	2.7									6.8	5.1
NNE	3.4	1.0	.7	. 7								4.7	4.
NE	1.3	3										1.7	2.
ENE	• 7	1.1	.7									2.4	4.
E	1.4	. 3	3									2.0	3.
ESE	. 7	,	٦.									1.4	4.
SE	17		7		3							2.4	6.
SSE	2.4	2.7	2 . 0	. 7	-3							8.1	6.
\$	4.7	2.0	1.7	1.3	. 3							9.8	٥,
SSW		1.4	. 7						I .			4.1	۹.
sw	1.4			1.7								3.7	ნ.
wsw	1.7		. 7		. 3							2.4	_ 5.
w	2.0	1.7	. 7	3	. 3							5.1	Ξ,
WNW	7	1.0		. 3								2.0	5.
NW	. 7	• 7										1.4	3.
NNW	1.7	• •	1.4	• 3								4.1	5.
VARBL													
CALM	$\supset \subset$	> <	><	> <	> <	><	><	>>	> <	>>	> <	38.9	
	27.4	14.5	12.2	5.4	1,7							100.0	3.

TOTAL NUMBER OF OBSERVATIONS

29€

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

y 7 1 STATION	FULLON , MV STATION NAME	732 YEAR	N C V
		ALL JEATHER CLASS	NOURS (L.S.Y.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
М	A /k	1.7	3,4	• 3								9,8	5.3
NNE	3.0	2.4	1.6									7.5	4.3
NE	3.4	2.4	. 3									6.1	3.5
ENE	4.4	1.7	. 7									6.8	3.4
E	1 . (4											1.4	1.8
ESE	7	1.0	. 7									2.4	5.0
SE	7	3				3						1.0	9.3
SSE	2.7	1.4	,				L					5.1	4 . 1
\$	7	2	2.0	3		7	L		L	<u> </u>		5.4	7.0
SSW	3		7	1.0		Ĺ						2.4	9.3
SW	,		• 7	1.0	. 3							4.1	7.8
W\$W	7	7	3	1.0	1.3		<u> </u>		<u></u>			3.7	11.5
w	1.0	1.7	. ?	1.7		3	<u> </u>			<u> </u>		5.4	€.7
WNW	7	. 7	2.4	7			<u></u>	<u> </u>	<u> </u>			4.4	7.4
NW	2.4	1.7	1.0						<u> </u>			5.1	4.3
NNW	3.4	1.7	?	1.4		<u></u>						6.5	5.6
VARBL													
CALM	\boxtimes	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	23.1	<u> </u>
	31.5	20.0	15.3	7.8	1.4	1.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

205

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 104	FILL	35 NS	STATIO	I HAME			<u>73-a.</u>	·		YEARS		<u> </u>	_ <u></u>	O V
		_				AL I MÉ	ATHES			 -			NOVE	16
		- -				COM	DITION							
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	4.1	5.1	2.7	1.4	. 3							14.5	5.0
	NNE	3.5	3 - 3	7.1									18.4	4 9 4
ſ	NE	5.2	2.5	2.0									16.3	4.3
Γ	ENE	3.7	7.4	1.0									6.1	4.6
ſ	E	1 4		. 7									1.7	3.2
Γ	ESE	7	. 3										1.7	3.5
Γ	SE	100	3										1.4	3.0
	SSE		7		. 3								1.4	7.8
	\$	1.3	2.2						}	Ī			3.1	4.2
	\$5W		2	_ 7	1.0								2.4	5.2
[SW			1.4	7								2.4	4.3
	wsw			1.0	3								1.7	5.7
	W	7	2.0	3.4	1.3	. 3							7•5	7.5
[WNW	7	3	7									1.4	5.5
	NW	2 . c	2.7										4.4	4 • ೧
	NNW	1.4	3.7	. 7									5.7	4.3
- [VARBL								1					

TOTAL NUMBER	OF OBSERVATIONS	204

10.5

SURFACE WINDS

NOV

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION			STATION	I MAME						YEARS			•	MONTH
		_				ALL WE	ATHES							15
						·	LASS						HOUE	8 (L 8 T
		_				cor	IDITION							
		_												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEAN WIND SPEED
	N	7.5	3.1	1.0	. 7								12.2	3.9
	NNE	3.4											7.5	2.5
	NE	2.7	1.7			<u> </u>							4.4	3.2
	ENE	. 5	. 3	,									1	4.7
	E		7					I					1.	3.3
	ESE	1.4	_ 3]						2.4	4,5
	SE	1.7	• 3										7.5	2.2
	SSE	.7	1.0	1.1									3.1	6.2
	\$	7	1.3	. 7									2.4	4.5
	35W	1.7	• 7		. 7								7.4	5.7
	sw	•	• 7	. 7									1.4	6.0
	WSW		1.4	1.4		• 3							3.1	7.0
	w	7.8.1	1.4	1.4	. 3					T			7.	4.4
	WWW	1.1	. 3	. 7									2.4	5.7
	NW	1.7	1.4	. 7	7				Ī				4.1	5.3
	NNW	7.8	2.4	1.0									7.7	3.7

TOTAL NUMBER OF OSSERVATIONS

₹9.6

100.0

NNW VARBL

CALM

Ī

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

71	FALL N. NY	73-57		NOV
STATION	STATION HAME		YEARS	итиом
		ALL WEATHER		22_
		CLASS		HOURS (L S T
		COMBITION		
				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.4	7	7									2.0	4.
NNE	3.2											2.2	2.
NE	- 66											-	3.
ENE												• 7	
E	. 7											• 7	?.
ESE	7											1.1	3,
SE	100	_ 1.1										2.3	₹.
SSE	3.0	7.3	1.1	4								9.0	3.
3	7.3	3.0	1.1		4							12.6	4,
SSW	<u> </u>			. 4								7.5	li g
sw	2.0		ji ji									3.2	2.
wsw	lai	7	7									2.1	4.
w	5.0	1.1		. 4								4.3	3.
WNW	1 ų	3.1	. 7									3.2	4.
NW	- 4	1.4	7									2.5	٤,
NNW	1.04	_2.5										4.0	3.
VARBL													
CALM		> <	$\supset \subset$	> <	> <	$\supset \subset$	$\supset <$	$\supset <$	$\supset <$			45.5	
	30.0	16.2	5.4	1.1	i							100.5	2.

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

· . • •	7 L	7 (<u>*</u> 19 <u>; </u>					73733						TN.	
STATION			STATIO	HAME						YEARS				FONTH
		_					ATHEN							Li_
						-	LASS						HOUR	8 (L S T
		_					DITION							
		-												
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	3.2	2.0	1.0	5	.1							8.	5.1
	NNE	7,1	2.1	?	.1								٤٠?	4.1
	NE	2.5	2.3	į lą									F. 2	3 . 5
	ENE	1.4	1.1	٠,									3.	7,5
	E .	1.	3	ءَ -									1,7	2.5
	400	I			I			1	1	1	T			

DIR.	ll i	,	ļ				}	1	1	1	i	li .	SPEZU
N	3.	2	1.0	. 5	1							8.	5.1
NNE	7,1	2.1	7	. 1								£ . ?	4.1
NE	2	2.	i,									5.7	3 . 5
ENE		1.1	٦									3.:	7 , ;
E			ĩ									1.7	?•'
ESE		. 5										1.7	4,
SE	1.	. 5		. 1	• 1		<u> </u>	1		I		2.0	4 .
SSE	* 3	1.		3	• 1							5,4	4.
5	7	2.5	1.				<u> </u>	<u> </u>				7.1	4
55W	1.3		- 3	• 6:						Γ _		2.7	5.
\$W	اقعا	- 4	. 5	.6	-1		<u> </u>		<u> </u>	<u> </u>		2.3	Ć.
WSW			7	. 3				<u> </u>				2.7	7.
w	<u>} </u>	1.4	1.1	ي و	-1				<u> </u>			5.	5.
WNW	7	غه							<u> </u>			200	٠٠
NW	1.5	1.4						↓	<u> </u>			3.4	4 ,
NNW	تعتا	1.7		3				<u> </u>	<u> </u>			5.	4 . (
VARBL								1	<u> </u>				
CALM	\searrow	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$\geq \leq$	> <	>><	\geq	$\supset <$	74.5	
	/ .7	12.9	10.3	4.1	. 7							130.3	3 a

TOTAL NUMBER OF OBSERVATIONS

1757

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	5 44 4 7 May 14 7	93. ↑2	מינים
STATION	STATION HAME	YEARS	MONTH
		CLASS CLASS	HOURS (L S T
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.7		ia	. 7								4.7	7.
NNE												1.	4.
NE	5.0											7.1	.,
ENE	1											1 • 4	3.
E	1		,									2.:	3.
ESE	1.5											1.5	?,
SE	1.7	1.7										3.4	î,
SSE		2.	7	7								7.:	ů,
\$	2.1	2.4	3.4	.7								13.5	
ssw	1.	. 7	1.0									2.7	4 .
sw												1.0	
wsw	1 ,											:	2.
w	1.2	7		2								3.4	4.
WNW_												1	. i
NW	1	- 3	2									2.2	4 ,
NNW	1.7	1.1				I						,, 7	Σ.
VARBL													
CALM	$\supset \subset$	> <	><	><	><	$\supset <$		><	><	><	><	000	
	20.00	11.2	7.9	2.7								150.3	2.

TOTAL NUMBER OF OBSERVATIONS

295

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	F 61.1	<u> </u>												
STATION			STATION	HAME						YEARS				HONTH
						Min de	41-16							17
		_					LASS						NOUR	SILST
						COI	DITION							
		_												
		1			<u> </u>	 	1		,		1			
	SPEED (KNTS)	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN
	DIR.		4.0	7 . 10		" - 2				1				SPEED
	N			1.7	, 7								5.7	£ .]
	NNE		7]			.; . t	4.0
	NE	1 -											2.7	2,5
	ENE	1	, 7						I				1.7	3.5
	E	7	1.0										1.7	1.8
	ESE	1.1		_	. :								2.	ű,
	SE	1.0	1.5	. 7	• ,				I				3 • 4	
	SSE		2.3	1	7			1					7."	4.5
	5	11 7	4.7	5.3	1.3								15.0	6.7
	\$5W	1.7	. 7										2.7	E • \$
	SW	1.0			. 3								2.7	\$ 9
	WSW	1.7		4.3									2.7	4
	W			.,							L	i		5.0
	WNW	1	7	1.										5.1
	NW	1 2	1.0										4.7	4
	NHW	1.1	• ?	•	• 7			. 3					3.0	5.5
	VARSL													
	CALM			$\overline{}$									30. °	
	4,			<	\sim						\leq			

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	1311						77-							<u> </u>
ЭН			STATIO	4 44 6 6						YEARS			•	JONTH
		-			 -	111 45	AT 42 .	·					HOUS	1 C . v
						сон	DITION							
ı	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
	N		<i>i</i> .	-, <u>.</u>	• 3	, 7								
i	NNE	2: 7	7		1.01						:	:		• • •
	NE		1.4										••	
	ENE													
	E													7
	ESE										1			. :
	SE		, ,							1	1	•	4 .	444.
	SSE		,	1	1			İ		1				
	\$		4		7.17									. 2.1
	SSW			t		i							1	
	sw				. 7									
	WSW	7	1.		. 7	7								
	w	•	1.0				.:							
	WNW	7	-,									,		
	NW		1.7	7										
	NNW		1.5	• 7	1.0	. 7					1		5	
	VARBL	1												
	CALM		> <	> <	$\overline{}$	><	>	> <	>	>		><	2.	•
										*				

TOTAL NUMBER OF OBSERVATIONS

SMOS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	<u> </u>	<u> </u>					73-0							rr
STATION			STATION	HAME					,	EARS			•	HONTH
						SEL WE	ATHES							15
						C:	ASS						HOUR	S (L S T
		_					MOITIG							
						COR	DITION							
		-												
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56) 	MEAN WIND SPEED
	N			3.4	1	• 3			-				: £ • ?	й <u>с</u>
	NNE		1	, ,									16	4,7
	NE		7.4										12.5	3,?
	ENE	1 7	7.7	. 7									5.1	4,4
	E	1			• 1						1		1.7	7.7
	ESE		,	. 7							,		1	4,3
	SE		1.		,				1		1		3.4	4.7
	SSE	1-1		1	1."								4.7	7.1
	\$			7							1		4.1	3.3
	SSW			1.	1.								2.4	9.9
	SW				7		, ,						1.4	19.0
	WSW			, ,	. :								2.	5.3
	W			1	1.7	7							3.4	11.7
	WNW	7	1.4		. 7								2.	5.5
	NW		72 . 14	7				1					4.1	5.8
	NNW	.7	1.4	2							1		4.4	5.5
	VARBL))											1	

TOTAL NUMBER OF OBSERVATIONS

295

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	FTLL	11. 4 16 E	73-62										Đ	E.C.
STATION			OITATE	NAME						YEARS				ONTH
						TLL HE	ATHET							10
						¢	LASS						NOVR	(LST
		_				COR	DITION							
								·						
			<u>.</u>											
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N		2	1.1									8.3	3.3
	NNE		7		4	. 4							6.5	4 . 5
	NE		1 4	<i>1</i> 1.									4.0	3.4
	ENE	1.2	7										2.5	2.9
	E	1.4	1.1	44									2.9	4.3
	ESE	, ii									<u> </u>		- 4	2.5
	SE	1.1	1										2.5	3.4
	SSE	1.4		• 31	- 6	ļ		ļ	ļ ———		·		4.3	5.5
	5	1.5	1.1	, ,		ن					 		5.1	6.4
	SSW		4.4										2.5	3.6
	SW	- 14		- (1)	. 4		14				<u> </u>		1.4	13.5
	WSW	. 7		ш									1.4	5.8
	w		1.4										5.1	3.7
	WNW	1	. 7	1.4									4.0	u. 9
	NW	7.5	1.1	24								-	4.0	7,5
	NNW	7.5	2.5		. 4								6	4.4
	VARBL	#											V .	
	CALM		>	> <	>	>	\sim	>	>			\sim	27.2	
		*				-		-	\leftarrow			\longrightarrow		

TOTAL NUMBER OF OBSERVATIONS

277

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11	FALLONS NO	73-77,79-32	DFC
STATION	STATION HAME	YEARS	MONTH
		ALL HEATHE?	22
		CLASS	HOURE (LST
	 	COMBILION	_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	্ব		1.5	t								3.5	٥. ١
NNE	4.7					L						1.9	3.
NE												1.4	3.
ENE													
ŧ		1										٠٠	3.
ESE												2.7	2.
SE		• :										1.4	3.
SSE	7.7	4 • 1	1.4	• "								8.1	4.
5		1.4	• 1	1.4								12.2	4.
SSW	7.		• "	, 7								5.0	5.
SW		• 5		, c								2.7	4.
WSW	7.0						l					4.5	3.
w	3.3						ļ —————	ļ ——				4.1	3.
WNW	2 ,	5										2.3	2.
NW		·	1.4					1				1.5	٤.
NNW	1.4											1.0	2.
VARBL		-		T					<u> </u>				
CALM	>	\searrow	> <		\times	>>	$\supset <$	> <	$\supset <$	><	>>	46.6	
	31.2	11.3	6.5	4.1								100.0	2.

TOTAL NUMBER OF OBSERVATIONS

221

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

N. 1	P ALL	12.73 m - 7 m /											زز	i. l								
STATION			STATION	RAME						YEARS				ONTH								
						ALL WE	ATHER						MEAN WIND SPEED									
						CI	LA 96						NOVE	(
						CON	DITION															
		_																				
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND								
	Z	7.7	2.5	1.6		2							5.0	5.3								
	NNE	7.3	2.4	2	. 3	1							6.4									
	NE	2.5	1.9		.1																	
	ENE	1.1	٥ (• 1									2.6	3.4								
	E	- 8	3.						T				1.0	4.0								
	ESE	1.1	. 4	. 1	• 1								1.5	3.7								
	SE	- 1	1.2	. 1	. 2								3.6	3.5								
	SSE	2.5	2.4	1.1	. 7								6.7	5.2								
	5	÷ 1	2.3	2.40	• 9	. 1							2.2	5.4								
	ssw	1.7	۳		. 3		. 1						3.0	5.4								
	sw			2	5	. 1	• 2						2.0	9.7								
	wsw	1.4			. 3	. 1							2.6	5.5								
	w	1.4	. 7	.7	. 5	.1	. 1						3.5	5.9								
	WNW	4	. 7	5	1								2.3	4.0								
	NW	iaj	1.2	. 7	. 1								3.1	4.8								
	NNW	1.7	1.2		. 4	•1		• 1					4.2	5.7								
	VARBL	1							i	<u> </u>												

TOTAL NUMBER OF OBSERVATIONS

1698

33.9

100.0

SMOS

CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

< 21 2	FALLON, No.	73-32		ALL
STATION	STATION HAME		YEARS	MONTH
		ALL MEATHER		ALL
		GLA95		HOURS (L S T -

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	3.1	7.4	2.2	, j	1							10.1	5.7
NNE	2.3	2.5	1.1									€ • 5	4.9
NE	1.	1.	14	1								4.0	4.3
ENE	1.2	1.	7	. "								2.5	4 • D
ŧ	1.1	, 7		- 0	0							2.	٤ . د
ESE	_ ?	• 5	, 7	• 1								2	4.7
SE	1.7	, ,	- 3	• 1		• 5	_					2.0	4 . &
SSE		1.5	7	7	.5							4.7	4.9
\$	2.3	2.	1.	5.5	1			٠, ٦				7.0	5 • t
\$\$W	1 6	. н	l.	. 7	• 1		• ^					2.0	5.4
SW	1.5	, 7	. 74	. 4	2	• 1	ن.					3.1	6.7
WSW	1.3	1.0	?	r,	1	. 1	• 0	• 3				3.7	6.4
w	2.1	2.5	2.4	1.4	3.	• ."						9.8	5.7
WNW	100	2.2	1.5	ΔĈ	1	£.						t , 7	6.5
NW	1.5	2.7	1.3	4	1							5.5	5.8
NNW	1.9	2.4	1.5	4	1	• ^	• 0					6.7	5.9
VARBL													
CALM		><	\times	><	\times	><	><	$>\!\!<$	><	><	> <	71.0	
	25.9	27.0	14.7	6.7	1.2		0	. 3				130.	4 . 4

TOTAL NUMBER OF OBSERVATIONS

21143

SURFACE WINDS

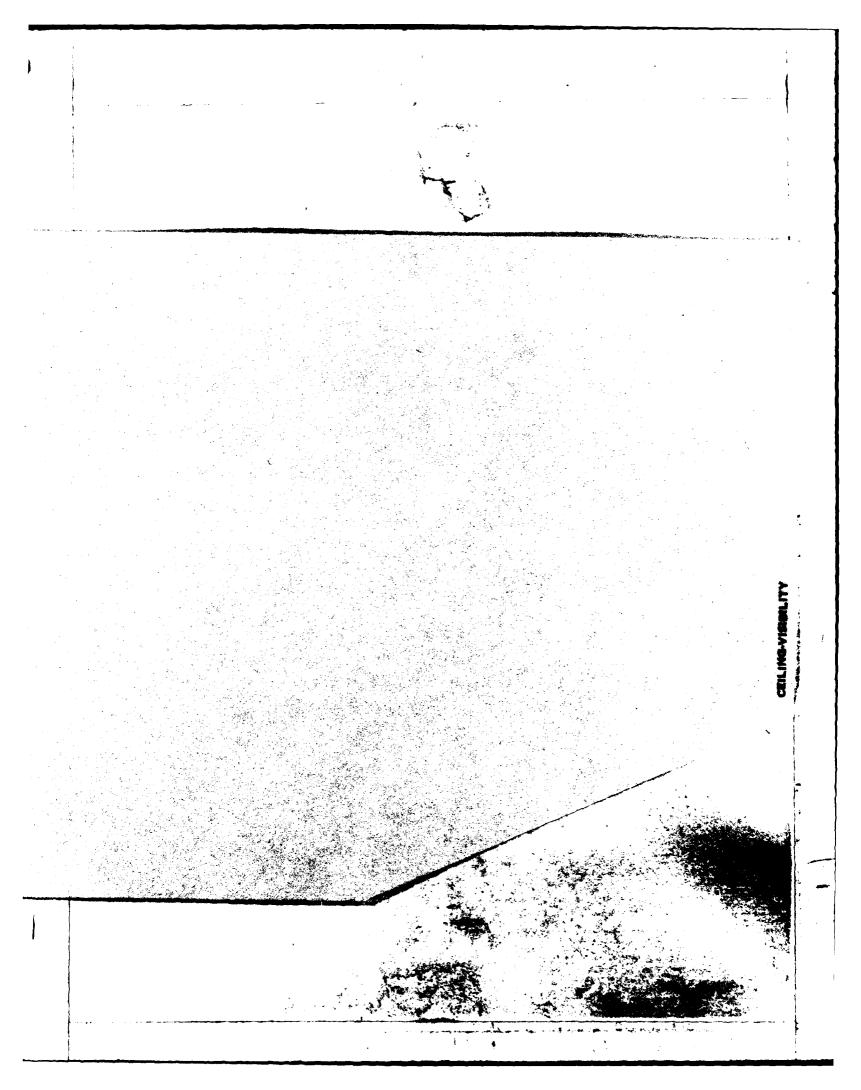
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	FALL No NY	STATION NAME	73-92	YEARS		ALL
			METRUMENT CLASS		•	MOURS (L S.T.)
		CIS 258 10 1	1400 FT W/VSBY 1/	Z HI OF MORE.	-	

ANGUAR VSAY 1/2 TO 2-1/2 MI W/CIG 230 FT OR MORE

SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	7.5	3.3	3.0	3.9	1.7	. 4						15.7	9.3
NNE	7.2	2.3	3									2.7	3.6
NE	1.7		. 4									2 • 2	3.6
ENE	. 4	- 9										• 9	3.5
ŧ	t;		: g									, ,	4.5
ESE	1.7	4	33									2.6	3.5
SE		. Li										٠	4.0
SSE	1.7	اذه	3									2.6	4
5	2	2	. 15									4.2	5.6
SSW	. 4	• G.	9			1.7						3.5	17.7
SW	1.7	. 4		ų	9	. 7						4.3	12.1
wsw		4		li li	9	4						3.	12.1
w	:	1.7		į,			. 4					5.7	6.6
WNW	1.43	4.	_ ·	4		4			L			3 -	3.9
NW	1.3	1.2	1.7		4 4							4.9	7.0
WMM	1 . 7	1.7	3.1	2.2								8.7	h • 2
VARSL													
CALM	><	><	\times	$>\!\!<$	>>	\times	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq <$	78.7	
	27.4	14.8	13.0	7.8	3.9	7.0	. 4					179.0	5.4

TOTAL NUMBER OF OBSERVATIONS 230



NOCD, Federal Building Asheville, N. C.

PART D

CEILING VERSUS VISIBILITY

This summary is a <u>bivariate percentage frequency distribution</u> by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By Month all years and all hours combined
- 3. By Month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

Beginning in July 1948 for Air Force stations and January 1949 for NWS and U.S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING							VIS	BILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	≥ 1 1/2	≥ 1%	≥1	≥ 1/4	≥ %	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILIN			<u> </u>											·		
	-1									\sim	>					
≥ 1800 ≥ 1500					11.0											52.6
≥ 1200 ≥ 1000																1
≥ 900 ≥ 800	1															
≥ 700 ≥ 600		·			<u> </u>											<u> </u>
≥ 500 ≥ 400		<u> </u>								57.4	·					98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			92.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed \geq 0. For instance, from the table: Ceiling \geq 1500 feet = 92.6%. Ceiling \geq 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite \geq 0. From the table: Visibility \geq 3 miles = 95.4%. Visibility \geq 2 miles = 96.9%.

Visibility ≥ 2 miles = 90.3%. Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover and total number of observations. It is presented in two tables as follows:

- By month and annual all hours and all years combined.
- . By month by standard 3-hour groups.
- NOTE: #1: Sky cover (total cloud amount) was not reported by U.S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.
- NOTE: #2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obse	cured) 10

NOTE: #3: Beginning in 1981 the symbols of Clear, Scattered, Broken, Overcast, and Obscured were used as input for the Total Sky Cover. Following are the conversions:

Clear converted to 0/10 Scattered converted to 3/10 Broken converted to 9/10 Overcast converted to 10/10 Obscured converted to 10/10

STATION

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 2 ≥ 21/2 ≥ 1% 1 ≥ 1% ≥ 1 ≥ ¾ NO CELLING ≥ 20000 ≥ 18000 ≥ 16000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 ≥ 3500 ≥ 3000 ≥ 2500 ≥ 2000 ≥ 1800 ≥ 1500 <u>≥</u> 1200 1000 <u>≥</u> 900 800 <u>></u> 700 600 j. li <u>></u> 500 400 300 200 100

TOTAL NUMBER	OF OBSERVATIONS	

CEILING VERSUS VISIBILITY

HOUPS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 11.	≥ 1	≥ 3,4	≥ 4	≥ %	≥ 5/16	≥ .	≥ 0
NO CEILING ≥ 20000	•	•			•	•	:	•		•	•	•		•	•	•
≥ 18000 ≥ 16000	•	•	•	•	•		•	•	•	•	•	•		•		•
≥ 14000 ≥ 12000	•	•	•	• .	•		•	•	•	•				•		•
≥ 10000 ≥ 9000		•		•	•	•	•	•			•	•		•		•
≥ 8000 ≥ 7000	•	•	•	•	•	•	•		•	•	•				•	•
≥ 6000 ≥ 5000	•	•	•	•	•	•	•	•	_ •			•			•	•
≥ 4500 ≥ 4000	•		•	•		•	•	•	•	•	•	•		•		· ·
≥ 3500 ≥ 3000		•	•	•	•	•	•	•		•		•	5	•	•	•
≥ 2500 ≥ 2000	•	•	•	•	•	•	1(1, 1	1 •: 1 •:	•	•		: 1		•	•	
≥ 1800 ≥ 1500	• !	• !	•	•	•	. •	: !			•	•				•	•
≥ 1200 ≥ 1000	• 1	. •	•	•	• !	•	! !	1	• • • • • • • • • • • • • • • • • • •				•		•	•
≥ 900 ≥ 800	• I	• 1		•	•					• ·		1 •		`! .! • .:		•
≥ 700 ≥ 600	• 1	•	• • • • • • • • • • • • • • • • • • •	•	•	•		i •	•			•	•			: • : •
≥ 500 ≥ 400	• !	• [•		•	1 .	<u>.</u>	• / • /	•	1		•	• '	•	•
≥ 300 > 200	•	•	•	•		• ·	•	•	1	•	: 1 •	1 •	1	1 •	•	` •
≥ 100 ≥ 0	• 1	•	•	•	•	•	· •			. 2 •	1 .	i •		1	•	•

OTAL	NUMBER	OF	OBSERVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)		_				
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	د ۱۱۰۶	≥ 1%	≥ 1	≥ 1,4	≥ 4,	≥ ',	≥ 5 '6	≥ .	≥ 0
NO CE:LING ≥ 20000	•					•	•				•	•	` .	•	.	
≥ 18000 ≥ 16000		-1.		,	: • •	· / •	•	•	1.			•		•		•
≥ 14000 ≥ 12000	•	•	1.	•	t; •	7.		•	1				•	•		•
≥ 10000 ≥ 9000		•			• 1	,	•	• 1	. !	•		•	•	•	•	•
≥ 8000 ≥ 7000	• .	•	. 1		• 1	1	•	• 1	•		•			•		•
≥ 6000 ≥ 5000	• 1	•	•			1.	•	•		? • :•		•	_ `•	1.	•	
≥ 4500 ≥ 4000	• •	• •	, , , ;		-		•			/	• 1	• 1	• 1	• 1		
≥ 3500 ≥ 3000		• •	7 7	• • ? • * ;	y .	•	7 • 7				• 1		•	•		•
≥ 2500 ≥ 2000	•	•	7		. 7			• • •		•	•	•	•	•	•	•
≥ 1800 ≥ 1500	•	•	7 . 7		. 7	•		•	• `				•	•		
≥ 1200 ≥ 1000	•	• 1	7	. / . <u></u> .	• 7	1.7	• 1		* * * * * * * * * * * * * * * * * * * *	19 • 1	• : .	•		• • •		
≥ 900 ≥ 800	•	77.	• /	• 1			• -		• !	•	•	· ·	• •			
≥ 700 ≥ 600	•	•	•	• :	• -	•	1		• 1	• •	• ·			• "` • .	- ;	• ,
≥ 500 ≥ 400		7,	. 1 • 1	• 11			•	• 1	•			· · ·	• ,	•	•	•
≥ 300 ≥ 200		•	•		•	· .	7	• 1	•			· ·	•	• 4		
≥ 100 ≥ 0		•		. 7	. t.! • ' !	•	• •	• .	• 1	•	•	•	•			

TOTAL NUMBER OF OBSERVATIONS

STATION HAME

CEILING VERSUS VISIBILITY

HOUPS . L S T

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MII	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 115	≥ 114	≥ 1	≥ ¾	≥ 4,	≥ 1/2	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000	• :	•			•	• •	•		- •	•			•	1.	- 1	
≥ 18000 ≥ 16000	•		•			7.	•	• .	•	•		•	•			•
≥ 14000 ≥ 12000	· .					•	•		•	1 •	<u>1</u>	• • •	• 1		•	
≥ 10000 ≥ 9000	•	•	•	•	• '		. 1	·	•	•		, , , , , , , , , , , , , , , , , , ,	· • _	· · · · · · · · · · · · · · · · · · ·	• •	_ :
≥ 8000 ≥ 7000	· · · ·	ت. ہنوفہ د	•		- · · · · ·		7	• ,	•	7 .	•	•	1 • •	<u>.</u>		
≥ 6000 ≥ 5000	•					•	7.	•	•	1.	7			. <u></u> .		•
≥ 4500 ≥ 4000			, , , , , , , , , , , , , , , , , , ,	· · ·	•		•	•	•	<u> </u>	· ·	•	· -	· · · · ·	<u> </u>	•
≥ 3500 ≥ 3000			: • • :	• • <u>• •</u> •	•	·	•	•	••	· •		·		<u> </u>	· · ·	
≥ 2500 ≥ 2000	• • • • • • • • • • • • • • • • • • • •	·•			•	· •	•	• !	<u>.</u>	•		<u>.</u>			•	• • •
≥ 1800 ≥ 1500	, . (- • ·	•	· · · · ·	• i		• 1			•	· · · ·		• 1	•	• "	•
≥ 1200 ≥ 1000	• . • •		· ·		•		• :		• 1	· •	 -	• • • • • • • • • • •	• - • -	• • .	. 1	
≥ 900 ≥ 800	• '	· -	· •	·	1.	1.	•	•	•					·• • •		• 1
≥ 700 ≥ 600	• ' • • • •	• •-1	· .	+	•	•••	•	• • •	•			• •		· · · · · · · · · · · · · · · · · · ·	7.	•
≥ 500 ≥ 400	•	! • •.• ب ـــ س	· · · ·			• ±	•		•	<u>.</u>	• • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·	• • • • • •	· ·;···	•	•
≥ 300 ≥ 200		· • · · · · · · · · · · · · · · · · · ·	· · ·	• -		• <u>• • •</u>	•	• 1	•	• •		•	· 		• •	
≥ 100 ≥ 0	•	•	•	• •	•_			• 1	•	· ·	<u> </u>	•		<u> </u>		

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

HOURS IL S T .

PERCE: NTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI	SIBILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ 3,	≥ %	≥ 1/3	≥ 5/16	≥ '.	≥ 0
NO CE:LING ≥ 20000	•	i • ·	•	•	•	٠	•		•			•			<i>L</i> .	,
≥ 18000 ≥ 16000	•	1 •	• •	•		- 4 • 1 - • • 1	*•1		•			•		• •	•	· · ·
≥ 14000 ≥ 12000	•	•	· •	• •			· .:		•	, .	1	· .	•	•	• • • • • • • • • • • • • • • • • • •	•
≥ 1000C ≥ 9000			7.	· · ·	7		7	,	•		7.	7	7	•		· ·
≥ 8000 ≥ 7000	•	7. !		•	,	•	7 •		•		• 7	• •	· ·	1		
≥ 6000 ≥ 5000		7	7 •	•	•	•	•	1 •	•	1.	1.	1.1	1 • 7	1.	1.	•
≥ 4500 ≥ 4000	•	ا وي رفيني	•	• . _ <u>• ì</u>		•	• 1		• •	1 / •	1.		· ·	. 1.		7.
≥ 3500 ≥ 3000	•	•		•	. <u> </u>	1. 1	1			•		4 fg	•			•
≥ 2500 ≥ 2000	•	• ·	• • • • • • • • • • • • • • • • • • • •	· · ì	• !	• 7	•!		• •	•	.,,			27.	. 7°.	7.
≥ 1800 ≥ 1500	•		· · · · · · · · · · · · · · · · · · ·	* • 7		•	7	/	•		7.			7.		•
≥ 1200 ≥ 1000	•	• • 1	· · ·)	• • •	. 4 		. L	· · · · ·	•	1 ./ • 7	<u> </u>	:	·_	*• •		
≥ 900 ≥ 800	•		• *• 	. 7 	·•	<u>.</u>		•	• .		•	•	• · · · · · · · · · · · · · · · · · · ·	•	• • •	•
≥ 700 ≥ 600	•	ا باد. الحادث	الله ي. مثا الحسيد	.,7			,,,		• (.	•	•	· · · · · · · · · · · · · · · · · · ·		•		· /1.
≥ 500 ≥ 400		• 1	• •	• *				•	, i, ~,		• ,	7	. 7	• •	3.7	•
≥ 300 ≥ 200	•	· • · ·	نا <u>.</u> د ا	• 1	•	7.	•	• /	• 7		• 7	• 7	, , ,	• 7	. ,	1
≥ 100 ≥ 0	•	4 • 1	• 3	: + /		7.	•			•	~ 3	• 7	, ,	7		

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ 3,	≥ %	≥ ⅓	≥ 5/16	≥ 1.	≥ 0
NO CEILING ≥ 20000	1.0	•	3.	•			, , , ,			• •	7.		•	7.	4.7.4 •	•
≥ 18000 ≥ 16000	1.7			, , <u>, , , , , , , , , , , , , , , , , </u>	. 7	7	, 7	, 7 , 1	• 7		· · · · 7	7			,	. 7
≥ 14000 ≥ 12000	•	71.	7	: • i	7 .7	• 7		• •	7	- •	, 7	• • ·	7	· · · ·	. · · · · · · · · · · · · · · · · · · ·	• -
≥ 10000 ≥ 9000	•	7.	7.	7 7	7	•	7 - 4	7 . 7			, , , ,	7 • 1			7	,
≥ 8000 ≥ 7000	_ <u>:</u> .	. <u>l</u> •		•	· · · ·	4 .	4 - "		4	•	•	•	·• ·		• `	•
≥ 6000 ≥ 5000		• · · · · ·		7•! •1	, . 	7. 	• •	, j	• •	7.	7		~ .	7.	•	• •
≥ 4500 ≥ 4000	· .	1.	· · ·	-1.4	1.	1.	·) • "		11.6	• •	i i		, ` , · . 	1	1.	• •
≥ 3500 ≥ 3000	• 1	4 • 1	3 ·	• <u>•</u>	• 5 , 1 • €		. 13	. 4	5.4	• • • • • • • • • • • • • • • • • • • •	• • •	• •	. 4	• .	+ 	•
≥ 2500 ≥ 2000	• • • • • • • •	4 • •	· · · · ·	/ •	• 7	7.1	7.7	* 7 7 • 7	'.7	7	7.7	· · · · · · · · · · · · · · · · · · ·	· · · · ·	?	. 7	•
≥ 1800 ≥ 1500		. 1	. 7	7 , 4,	; · • 7	•	.7.7	7.7	7.7	•	, , , , , , , , , , , , , , , , , , ,	· 7 • 7		" ". "	***	/•? . •
≥ 1200 ≥ 1000		. 7	·•	7.7	•	• 4	, (4)	4	• 44		•		. <u></u> .	•		•
≥ 900 ≥ 800		· · · · ·		7 • 7 • 1 • 7		. • •	7	. 7	• 4 • 7	, , ,	• "i	7	• • • • • • • • • • • • • • • • • • •	' ⁷ .		• <i>6</i> • • • • •
≥ 700 ≥ 600		•	•	7.7	, . C		•	,	•	• 7	. 7	, , , ,	•.	· · · · · · · · · · · · · · · · · · ·	• •	• ⁷
≥ 500 ≥ 400	! •	. •	7 . 1 ~ 7 . s.	•	. ti		٠, •	•	•);;• ;;••	•	, ,	:	•
≥ 300 ≥ 200		f, • ff 2, • f	•	7: •4. -: •1:	.7	S. •	•	7	· " • "	: 1. • : 1 • C	1	100.0	: !	<u> </u>		
≥ 100 ≥ 0	• 1! • 1	: 5 • 4 4	7.7	•	, , , 7 . 7	9.		, 7 , . ?		i. •	<u>!</u>	1 • ' 1 •	1 • ′ 1 • ′	`. `. •	: ``•	1 • ·

TOTAL	MUMBER	OF ORSI	PVATIONS		

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

STATION NAME YEARS

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ 14	≥ 0
NO CE:LING ≥ 20000	•	7.:				√. 4.	• 7 1, 44 • 1	•	4	3 y y 7			• •	4 . 7	4.7	
≥ 18000 ≥ 16000	•	4.7•7 (3•°	57. 54.7	1 4 . 7		••	- 1: . 7	4.7	4.7	1.4 • / _2.4		13. 13.7	,		, 6 , 7	•
≥ 14000 ≥ 12000	•	L . 7	u • 1 1 ° • 4	7 .7	71.	71.	71	71.	71.7	1996.7 11.0	57.	67 71.4	72.4	-1.4	27.7 21.7	7. 1
≥ 10000 ≥ 9000	7	74.4 75.4	74.	7: • 1 77 • 1	7 .4	10.4 7.4	71.1 77.0	70 • 4 27 • 4	7 u 7 . u	7	74.5	76.0 77.0	7.	7.	77.1	7 .
≥ 8000 ≥ 7000		7.4	7	, i • i	.1.		1.	1.1) • †		1.	1.	1.3	1.	• • •	
≥ 6000 ≥ 5000	1.	4 •] 			7 . 7	7	. 7	1.1	y , 1	-	. 4 . E	17.5	4.	4 .	¥.	•
≥ 4500 ≥ 4000		7.	•	7 • •)	• '	. • . • •		• : i	• 1	•	• •	7 € € 70 7 • 7		• •	7,	
≥ 3500 ≥ 3000	• ;	•		. • fe	11.0	1.	1.	1.7	1.0	1.	V	7.2.3	`• * • • €		7.3	
≥ 2500 ≥ 2000	•	•	7 • • 5 11 •	• 31	•			•	•	•		•	•	•	44 . F	7.
≥ 1800 ≥ 1500		•	25.5 21.6	• 1		≎ • (• •		77. 79.5		4			4 , 6.	•! ₹ 7 •	7.	7.
≥ 1200 ≥ 1000		•			7,	ნ.* შ•	76 • 7 97 • 1	·7•	, * • \$. 7	77. 7 27. 7		7 •] 7 • -	127 . F	•
≥ 900 ≥ 800	•	•	35 , 1	•	7.	7.	7	7	7.	~7. ~7.*	7.1 5.4.5	7.4	•	7.4	75 • 7	•
≥ 700 ≥ 600	•		•	•			, T	7		· [• .	ל מי ל פי מי	7.	_ •	o• *•		• ?
≥ 500 ≥ 400	•	•	· ·			? • 7 •	6 m • 7	7.	"。"	•		7.	•	٤	•	• 7
≥ 300 ≥ 200	•	•	. 7		97.	7.		7.1	7,1	7.0	21.2	7.6 7.6	• 7	^ 7	0 ·	
≥ 100 ≥ 0	•	•			27.	7		7 •	•	•		`4•j	• 7		09.3 00.3	1 1

STATION NAME

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ 3,4	≥ %	≥ ½	≥ 5/16	≥ '•	≥ 0
NO CEILING ≥ 20000	1.4	', . ' '	• 1	. 7	7	5 • 7	04 • 1 1 • 5	61.	•		(7.4	ι 7 • •	•		1.	. 7
≥ 18000 ≥ 16000		· · ·	7	7	• • 1	10.1	ა?. გ?.ნ		7 , ti	7 •	7	47.3 		7	• 1	7
≥ 14000 ≥ 12000	• 1	• .		•	5 . • ·	7.	6/4 ³	71.2	/1.5	71.7	* 3 • 7 71 • 7	71.7	71.7	72.7	7 .	,
≥ 10000 ≥ 9000	•	7.	7 · • ?	77	74.7	74.7	75.5	7,4	75.00 75.01	7.,	7.4	7 % • 4 7 8 • 4		76.	77.7	
≥ 8000 ≥ 7000	•	77.	77.	77.4	7	77.7	7.	•	7:00	7 .4	7.	7 . 4	3 . 4	75.1	1.	• • •
≥ 6000 ≥ 5000	1		7	· · · ·	7	3.7			1.		•	<u> </u>	4		7,7 6,7	
≥ 4500 ≥ 4000	,	1 . • 1 1 . • 1	. 7		• 7	4 • 1.	7	· 7 · 1	7.1	.7.		7.0	7.0	7.	7.1	
≥ 3500 ≥ 3000	• •	· · · · · ·	7.	• 7	7.1		4	• 4	9.6	•	C • 2		•		93•1 <u>17</u> •€	
≥ 2500 ≥ 2000	1 • 1		7 . 4		7.(. 7	7.	1.	· · · · ·	1 2	3 · 7	4		1	1.	
≥ 1800 ≥ 1500	. • •	•	7	• 5	71.	1.1	•	. 7	7	1 • °	<u> </u>	• • •		1.	4.4	•
≥ 1200 ≥ 1000		· •	71.0		1.	?•; - <u>;</u> •;			3 0	74.	5 · · ·			<u>u</u> •	•	• 1
≥ 900 ≥ 800		· 7		. 4	7		3.01		**************************************	74.		3 4 4		<u>^u</u>	7	-
≥ 700 ≥ 600			21.4 21.4	1.4	*	2 • 7 - 7		* •	4 a	/ 44 · 44	4 . 4	4 4	- 4 - - 7	4 6 2) · . 7	-
≥ 500 ≥ 400			31.4 31.4	1.9 1.9	***************************************	- 2 • 1 3 • 1	14.0 (1)		, a	•	c 7		7 -	. < <u></u>	9. 14	7.3
≥ 300 ≥ 200	, ,	2 • 1 2 • 1	51.4	•	,,,,) (4	-4-7		-	15.3	C * **	; E - ?	95.6 95.6 96.6	3
≥ 100 ≥ 0	• 1		91.7	i • 5	/	1	14.		, , , , , , , , , , , , , , , , , , ,	• 1	• 1	5.3	,	•	15.5	1

TOTAL	NUMBER	OF	OBSERVA	TIONS

STATION NAME

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING			-				VIS	IBILITY (ST	ATUTE MIL	.ES)					·	
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 1%	≥ 1%	ז ≤	≥ ¾	≥ %	≥ %	≥ 5/16	≥ '4	≥ 0
NO CEILING ≥ 20000	• '	- • > <u>-</u>			,	٠٠	° 0 • 1 6 ° • 1	', ,	5 • 1	1.4	1.	1	11.0	1.	4	•
≥ 18000 ≥ 16000	7		6.0	6 4	1.	1.	21.4	1.7	!• ⁻	1.	2 4	- 2 · .	1	2.1	, ,	
≥ 14000 ≥ 12000	• •	4 . 1	61.	f. f	√°•′; ′ €• €	1 0 0 1 6 • 7	7.	17.	1,7 • 7	57.	5 ⁷ • ·	67.1	7.7	17.	(2 . 1 (1	* 5 • 1
≥ 10000 ≥ 9000		100 • 1	7 • 1	7.	71.7 71.6	71.	71.7	71.9	71.	7. • 1 7. •	77.0	72.2	7 1 7	70.	7 . 7	7 . 7
≥ 8000 ≥ 7000	7	77.7	74.0 75.	7	7 1	7	75.00	77.	77.0	?7.1 7.	77.7	77.1 71.5	77.3 77.6	77	77.7	17.7
≥ 6000 ≥ 5000	7	7.	7′•:	7 . 5	7	3.	7.4				. 7	2: • 7 24 • 1	. 7		1.	•
≥ 4500 ≥ 4000	•	1.7		. • ! • !s	ं ६ • * 31. • ६	4	4, 4	7.	7.	7.6	7.7	7.	. 4 . ~ . ~	7.	55.8 • • • •	
≥ 3500 ≥ 3000	1.	1, 4	3 / • * *	7	7	7.	3. °	• 7	• 7	•	7	• 1			/ 0.7	• 1
≥ 2500 ≥ 2000	4.1	7.	1 ° •		5 1 . S	1.4	. 7	1.1	1.1.1	-1.4 -7	3 1 • 7 5 . •	51.5 02.5	1.7	1.	77.	
≥ 1800 ≥ 1500	4 • 1 4 • =			' . • } •	3 . d	1 • :		J., 4	. `` . '\			· . •	• 1	- 7 • 1	57.8 54.7	•
≥ 1200 ≥ 1000	• •	9	71.		· ^ • u	• 4	77.1	4.2	1	23.7 24.5		; ;	•	•		•
≥ 900 ≥ 800		· • •	71. 21.	52.5 52.6	_ 1	7 • 1 3 • ⊇	3	4	44	74 6 h	74.7	4 • 3 •	\$. ?			7
≥ 700 ≥ 600	•		91.4	. 1	7.1	j.	50.2	· 4 • 7	4 . 7	1	7 • 1 5 " • 7	• !	•	•	· · · · · · · · · · · · · · · · · · ·	· 1
≥ 500 ≥ 400	•	•	71.	3	. 44	3.	} & • i4	1	• • 1		• 5	11.	24.0	1 * (• • • • • • • • • • • • • • • • • •	• 6	•
≥ 300 ≥ 200		•	91.07 71.07	. 4		3.4		71 4	. 4	3 6 •	91 . T	•	56.5	(• ·	, 7 , 7	
≥ 100 ≥ 0	•	70.	1.	4		13.4 1.4	94.1 94.1	" (. 4	, 64	70 •	÷ (° • .)	5€.5 •5.:		7 • 7 •	57.6 57.8	1

TOTAL NUMBER OF OBSERVATIONS 1745

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	. ≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 114	≥ 1	≥ 3,	≥ 46	≥ %	≥ 5/16	≥ 1,	≥ 0
NO CEILING ≥ 20000			:	1		<u> </u>							!			
≥ 18000 ≥ 16000							1						 			•
≥ 14000 ≥ 12000		:														
≥ 10000 ≥ 9000						! !										
≥ 8000 ≥ 7000		i				j					1			1		
≥ 6000 ≥ 5000					l L	:										•
≥ 4500 ≥ 4000											i		·			
≥ 3500 ≥ 3000		:	i										·			
≥ 2500 ≥ 2000		•	i		į											
≥ 1800 ≥ 1500			:	!												
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600			1		!			1								1
≥ 500 ≥ 400													1			
≥ 300 ≥ 200																
≥ 100 ≥ 0	,												!			•

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							ViS	BILITY (SI	ATUTE MII	LES)			-			
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ 3,	≥ %	≥ ½	≥ 5/16	≥ 14	≥ 0
NO CEILING ≥ 20000	•	1 [1 • .	1	1 3	1	1		1						1
≥ 18000 ≥ 16000		1 .	1 ° • ° . 1 ° • •	1	1			i (1)		ن و د و د و د و د و د و د و د و د و د و					113.0	•
≥ 14000 ≥ 12000		1 () 138.	107.J		1 • · ·			11) 110.9			1 .	1 ~ . 1 ~	ļ .	1		•
≥ 10000 ≥ 9000	1	176.7 177.	1.	1 • i	1			1/1.0 1/1.0		: • • - ` i	1]	1	•		
≥ 8000 ≥ 7000	1	1•	10 1•11 10 1•1	1 .	1 '. ' • 1 ''. • ^	1 1								•	: 37 • 7 ;	•
≥ 6000 ≥ 5000		1 1 0.	•	l .	1 •	1	1 12 - 0. 1 1 1 - 0.	1 1 1 • 1 1 1 1 1 • 1	1		1	171.0 171.0				1 .
≥ 4500 ≥ 4000		1 (. 1 (.)		15 '• . 1 .• !?		1 0. 1 0.	1. `•⊓ 13 •⊍	1 · · · · · · · · · · · · · · · · · · ·	1			1	1			1 •
≥ 3500 ≥ 3000		1	1. •"	l •	1 * * • • • • • • • • • • • • • • • • •	1 0		1 • ·] 1 •			1			101.01 101.01	
≥ 2500 ≥ 2000		1 1 5 • 1	1 •: • • • •	ار ۱۰۰۰ از ۱۲۰۰۰	100 an 130 an	٠ ا	11 0 • 1 11 0 • 1	1 .	1		1 (•) 1 (•)	1 .	1	1	150.5 (00.0)	1 .
≥ 1800 ≥ 1500	1	i i	17 .7	1 •	1	175.	165.0. 17 • 3	1	1 "•"	J • 1	1 • "	10		100.	1 1.C.	
≥ 1200 ≥ 1000		1 1			1	i (i• i '`•"	1	10.1	1 .		1		ስ . ^ 1 ^	1		1. •]
≥ 900 ≥ 800	•	1 3. 1 5.	•	1 1	1 • ·	1 (1)	16.67 1.68	-	1 ^ • ^ 1 · · · • ^		1 17 • 1 1 1 • 1	1 1 • 1	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1	1	[• [•
≥ 700 ≥ 600	•	1 • 1		1 1	1 •		1	i •	1	. Ü•		1	1 .	}•_		: : •]
≥ 500 ≥ 400	•	1 U • E		1	1 . `• ' 1	1 Te.	1.1.5		1	1 .0• 130•	1	•				1 •]
≥ 300 ≥ 200	•	i •	10 • T	1 " • 1 " ^ • !!	1	1	1	1 '. 1!	•	1 • 1 1 •	1					! •]
≥ 100 ≥ 0		1 5.	:0 •: !0 > •	10000	1.7 • 6 1.7 • 6	1 i.	1.	17 • 3 1 * • 5	: • ^	1		11	h		ዓ/ተፈነነ 1 በ•ከ¦	

TOTAL	NUMBER	OF.	OBSERVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOUPS IL S.T.

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ ויז	≥ 114	≥ 1	≥ 3,,	≥ 4	≥ %	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000	•	7 • 1 1 • ·	.1 .01.4	. 4	1	1.0	. 7	• 1	1) • 1	1.	62.4	1.	7 • 1 1 • :	7.1	7
≥ 18000 ≥ 16000	1.	•					, i.	- 4	` , u		`	•				•
≥ 14000 ≥ 12000	• 1	7.0	ان و برداد ا دو برداد			4.		•	•	•	- u -		• 7	/ u .	4 •	•
≥ 10000 ≥ 9000	•	7.	, , ,	-,1	7 . ,	7.7	7.		7%.	7.7.7	77.7	77.1	, , , , , , , , , , , , , , , , , , ,	7 77.1	75.7	77.
≥ 8000 ≥ 7000	,	1.		· · ·		<u>.</u>			1.	1.	7	1.00 1.20	• • •		1 • '	
≥ 6000 ≥ 5000	•	7	7.	 	7.	7.	-	7	7.	•	•	• '	,		L .	• 1
≥ 4500 ≥ 4000	7 .		, sal		5 € N	ارد و در ا از و در ا			• 4 •	· · · · · · · · · · · · · · · · · · ·	7	• 7	• 7	• 7	. [.] 	• 1
≥ 3500 ≥ 3000	۱. : فيد	10.00 1.000	1 7 . C		74 - 7		, , , ,	• !	•	.4.7	· · · · · · · · · · · · · · · · · · ·	7		· · · · ·	. 4.7	
≥ 2500 ≥ 2000		u . 7	7	44		. •	• ti,	• 7	• · · · · · · · · · · · · · · · · · · ·	· • •		7 •	• ⁷		56. 56.	7
≥ 1800 ≥ 1500	• '.! •	7	9 • i	. 44	5.1	ာစ	- 1	. 7 	• 7 •]	, 7 .	• •	97. . <u></u>				
≥ 1200 ≥ 1000		7 • 4 · 1 <u>1 • • • </u>	7 • 1 = =================================	76 • 1	; 6 • 1 5 (• "	0.1	. • 1 2 • 3	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		· · · ·		/• 		•
≥ 900 ≥ 800	 •	· • 1		2 • 0	96.	78.	3 · 1	7		· · · · ·	· · · · · · · · · · · · · · · · · · ·			• .	i e c	• • • • • • • • • • • • • • • • • • •
≥ 700 ≥ 600		ا•) غ•ند.	-, -		7(•)	7.	7.	7.5	7 . 1	•		• '. 		• •	• • •	
≥ 500 ≥ 400	•			,	√ 7 • 11 √ 7 • 11	7.	,	7.0		• •				ne		. ?
≥ 300 > 200		٠٠٠ <u>١</u> ٠٠ <u>٠</u>	•	7.	, ,		7.7.	7. / 27. /	•	•	·	75. t	•	** **	5	7
≥ 100 ≥ 0	• '	• !		7	٠٣ , ٠	7.	•	7.		•	•	7•3 20•3	• •		0	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		`				•	VIS	SIBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 114	≥ 1	≥ ೩,	≥ %	≥ ⅓	≥ 5/16	≥ '₄	≥ 0
NO CEILING ≥ 20000	* * * * * * * * * * * * * * * * * * * *		. 1	•	• •			• • 3	•			*	•	4.	4 . *	
≥ 18000 ≥ 16000	1.						, i.	•		4		•			•	•
≥ 14000 ≥ 12000	- · ·	. 1 <u>1</u> .	71.	*	71	1.	1.	•		7	7	7. • 7.	•	. Zh• .	,	•
≥ 10000 ≥ 9000	`* •	7.	77.1	7 . 7	- 1		7 ° • 7 • 7	7	7' • '	7 •:	7 • 1	7 .4	7 .41	7 .4		7 .
≥ 8000 ≥ 7000	1.4		<u> </u>	. 3	•	3 • · ·		. /		• 1	- 1 7	. 7		7.7	, , , , , , , , , , , , , , , , , , ,	
≥ 6000 ≥ 5000	/(• ·	7.	•	7	• • •		. 7	• • •	•	•	•	* * *	• •	· · · · ·		•
≥ 4500 ≥ 4000	7 ,	, 1 ¹			· · · · · · ·			1.1	· · · · · · · · · · · · · · · · · · ·	- i - 1		1.1	1.1	1.	36.7 <u>- 1.1</u>	
≥ 3500 ≥ 3000	•	1.) . 441.	11.	ر. ا . •	1 •			• 7 • • • •		•		7	• î		•	· •
≥ 2500 ≥ 2000	!,				• •	4 • :	-4.3 -2.3.7		30 • "	99 .7 55. <u>•</u> *	94 .7	+4.7	71. 7		76.7 76.	•
≥ 1800 ≥ 1500		1 1 4 6 1 6 6	50 • 7	7.6	7	7.	97 .3 97.3	1 • • • • • • • • • • • • • • • • • • •	`	6.•s 	, . <u>1</u>	. S <u></u>				•
≥ 1200 ≥ 1000	•		7 . 7	7 • 2		7.	7	· · · · · · · · · · · · · · · · · · ·		•		. <u> </u>	• •	•		•
≥ 900 ≥ 800	•		• 7	7.2	7.	7.	7.	• •	1.0	•			()	•		•
≥ 700 ≥ 600	· ·	. • · ·	; ; , 7	7 • •	,	1 • - 7 • -	7.) 	• "	•	•	• •	۰, ۲۰ سال			•
≥ 500 ≥ 400	•	!		-/		7.	-	• •	• 3	•			•	•		•
≥ 300 ≥ 200	`•` <u>`</u>	• •	7	7 • 3	7.	7.1	,	•	, ,	17	1	! • ·	, ,	й • Д. • .	•	i •
≥ 100 ≥ 0			• 7	7.3	7	7.	•	•	* * * *	- 7		1	1 • 7	1 • <u> </u>		•

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MII	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ೩,	≥ 4,	≥ ½	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000					, ,		•	•		• 7	• 7	• 7				
≥ 18000 ≥ 16000	•	1.	ប់ ៖ • [*] ប_•	1 0	7.1	1.7	31.°	1.7	1.7	. 1 . 7	~ 1 • ⁻	1.7	1.7	1 . 1	1.7	
≥ 14000 ≥ 12000	•		4 • 1			`•	• 1	•		• ?		* (• *	•		. 7	•
≥ 10000 ≥ 9000			7 4 . 3	7	76.	i	7	71.		•		7	•		7.7	
≥ 8000 ≥ 7000	, , , , , , , , , , , , , , , , , , ,	77.7	7 1 . 7		7 . 1	4	7	7 • 4 7	7 7	7 .7	1 • 7	• 1	" • " • !	7 • 7	~ , 1	
≥ 6000 ≥ 5000	•	1 •	1	1.0		1 1 4	. 1 .	• 3	1.		- 1	1.1				•
≥ 4500 ≥ 4000	•	•	•	•			• 7	• 1		•	• 1	• 1	1	13 . 1	•	• !
≥ 3500 ≥ 3000	• 1	7 . 5 . 7		•	1	1 /	7-1 • 5 46 • 7	1	• 1	1.	1.1.	1.	1.	[• ·	1.5	:•1
≥ 2500 ≥ 2000	•	4.7 5.41	36.3		. 7	7.	• 7	. 7	* • 7	77.	· 5 • 3	6.1 17.5	7.0	•	6.1	7.
≥ 1800 ≥ 1500	•		• 1	f • .	,	7 • · ·	7	* 7	77. * 57. •		•	•	7.	7.		
≥ 1200 ≥ 1000	•	D • •	** • i	7.5	47.3	7.0	27 . 5 57.9		, ,	· 1 • .	7.	"•	7.			•
≥ 900 ≥ 800	•	•	•	7.2	37.7 17.7	7.9 7.9	97.9		7.0	٠ ٠			• 1	•		
≥ 700 ≥ 600	•	•		7		7.9 7.7		* • • · · ·	· · · · · · · · · · · · · · · · · · ·	این در ا راهورا		•	• '	•	•	•
≥ 500 ≥ 400		•		7.5		8.	, , ,		•	9		•	•			
≥ 300 > 200		•	/ 1. 1	7 . 5,	• 1	•	• `	•	•	49.5	•	7. \$	• 7		.7	• •
≥ 100 ≥ 0	i, .	•	3-		• ~	•	•	•	•			• 1	. 7		0.5 . 7 - 3 . 7	1

TOTAL	NUMBER	OF	OBSERVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 115	≥ 1%	<u>≥</u> 1	≥ %	≥ 4,	≥ ⅓	. ≥ 5/16	≥ '.	≥ 0
NO CE:LING ≥ 20000	• 7	1.1		1		1.		1.4	1.	63.	1.	1.		1.		•
≥ 18000 ≥ 16000	4.	7 W	ا مسرا ا		2 4 • · ·		•_		: •	•	•	•	• '		•	•
≥ 14000 ≥ 12000	•		7	` .a	7	•	7.	7	• •	7	7	7	• •	, ,	7	• • • • • • • • • • • • • • • • • • • •
≥ 10000 ≥ 9000	7	7	7	7	9 . 1 21 . 1	. 7	77.1	• 1	•	7 •	7 • 1	7	7			•
≥ 8000 ≥ 7000							. 7, 7	• 7 • i)	• !	. 1	• 1		• 1		· • • • • • • • • • • • • • • • • • • •	• !
≥ 6000 ≥ 5000	•	⊕		• 4. 2 4	•	5. . • *	•	•	•		1.2	1.1	- ! • !		1.1	1.
≥ 4500 ≥ 4000			, <u>.</u>	1 • \$ 4 • \$	1.1	1	1.7	• <u>7</u>	•		1.	•	•	• .	1.	•
≥ 3500 ≥ 3000	•	• • •	• <u>• •</u>	- , 7	• • • • • • • • • • • • • • • • • • •		/	• : !: • :		17.	.7.) i	•	7.	~	, ,
≥ 2500 ≥ 2000	•	* •			•	7.		7		7.		• 7		•		
≥ 1800 ≥ 1500	•	,		• •		5 • ·	•	•	•	•	•	•	•	•	•	•
≥ 1200 ≥ 1000	•	· • ·	<u> </u>	•	•	•	1. •0 <u>≠1.•</u>	· · ·		- 12 · · · · · · · · · · · · · · · · · ·			· ·		•	•
≥ 900 ≥ 800	•	•		, ; 	• '	<i></i>			•				_•	• .	· · · · ·	•
≥ 700 ≥ 600	•	· • · · ·		• • •	* • •	• -	• • • • • • • • • • • • • • • • • • •			5.	•	•		•		• •
≥ 500 ≥ 400			,		• `	•	. ;(• 1		• 7 •		5.7		• 7	,	• ,
≥ 300 ≥ 200	•	•	•			î • ₹. •		• .	•		•	1 •	• • • • • • • • • • • • • • • • • • •			! • !
≥ 100 ≥ 0	•	•		•	•	: •	•	• *	•	•		! •	! • *			•

TOTAL NUMBER OF OBSERVATIONS

MANAL WEATHER SERVICE DETACHNESSE AGRECITETE NO

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI	SIBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 112	≥ 1%	≥ 1	≥ ೩,	≥ 4,	دا خ	≥ 5 16	≥ .	≥ 0
NO CEILING ≥ 20000) <u>.</u>	•		•	•	•	•	• ,	•	•	1	•	•	· .	•	•
≥ 18000 ≥ 16000	• !	•	•]	•				•				•	•	•	-	
≥ 14000 ≥ 12000			, ,	• /	7		7	-		, .	7 - •	•	•		•	•
≥ 10000 ≥ 9000		1.			1 • 4	1.	1.	1.		1.		1.	1 •	``	1.	
≥ 8000 ≥ 7000	•	. Y _7	• }		• 1	/•]		·	• 1	1 • 1	• 1	• 1 • 1		• .	7.	•
≥ 6000 ≥ 5000	•	7 . 	. <u> </u>	• · ·	• • • • • • • • • • • • • • • • • • •	7, 		• 1		/ •	• 1		• :	•	". , 1	•
≥ 4500 ≥ 4000	•		•	• ·	•	•	•	•	• •	· · · · · · · · · · · · · · · · · · ·		•	•	• • • • •	•	
≥ 3500 ≥ 3000	•	• ·	· · · · · · · · · · · · · · · · · · ·	· . · 	·	•				•		• - =•-··	•	•	•	
≥ 2500 ≥ 2000	• • • • • • • • • • • • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·		·	· .	7.					•	₹.	, •		•	, , , , , , , , , , , , , , , , , , ,
≥ 1800 ≥ 1500		; . <u></u>	· '• ·	<u>.</u>	•	7.			, , , , , , , , , , , , , , , , , , ,	•	•		• `	`		. .
≥ 1200 ≥ 1000	•	• · · · · · · · · · · · · · · · · · · ·		• •	" 	· · · · · · · · · · · · · · · · · · ·	• *		• • • • • • • • • • • • • • • • • • • •		• .	· · · · · ·	•	• •	, -	. •
≥ 900 ≥ 800		• · :• :		·	•	· · · · ·		<u> , , , , , , , , , , , , , , , , ,</u>				• .	• 7	•	•	
≥ 700 ≥ 600		•	•	7	7				· · · · · · · · · · · · · · · · · · ·	<u>.</u>		•	•	.i •	•	
≥ 500 ≥ 400	•	1 • ۇيۇرىسى ــ		. 7	. 7		1	1	·•	: <u>-</u>		• ·	•	•		•
≥ 300 ≥ 200	• • • • • • •	· · · · · · · · · · · · · · · · · · ·	•	• 1		•	,			·	•	 -	•		•	•
≥ 100 ≥ 0	7	• • • •		• •	" [د	. /		'1 • ; 1 • ;	• '	•			•		• .	

TOTAL NUMBER OF OBSERVATIONS

MANAL WEATHER SERVICE GLIACHTENT, ASHEVILLE, NO.

CEILING VERSUS VISIBILITY

....

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 112 ≥ 10 ≥ 6 ≥ 5 ≥ 3 ≥ 21/2 ≥ 2 ≥ 114 NO CE:LING ≥ 20000 ≥ 16000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 ≥ 3500 ≥ 3000 ≥ 2500 ≥ 2000 <u>></u> 1800 1500 ≥ 1200 ≥ 1000 <u>≥</u> 900 800 <u>≥</u> 700 600 <u>></u> 500 400 300 100 0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		-					VIS	SIBILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 112	≥ 114	_ ≥ 1	≥ 3,4	≥ 4,	≥ ½	≥ 5-16	≥ .	≥ 0
NO CEILING ≥ 20000		•		•	•	• •	•		•	1 5 .		•	•	1.		
≥ 18000 ≥ 16000	•						_ • ;	• 1	•			• 1,				•
≥ 14000 ≥ 12000	9 .,		•			•	· · ·		<i>,</i> .							•
≥ 10000 ≥ 9000	جاھائات		-		7	•	7	• !	<i>i</i> + 1 ⋅ 1	, ,	•	•	• •		• .	•
≥ 8000 ≥ 7000		ن. أعدد	• i	•	• •	-i •	* • 6. ⁻		•	•	•	•	•	·		•
≥ 6000 ≥ 5000	<u>.</u> .	• ·		· · · · · · · · · · · · · · · · · · ·		•	•	• 1	• 1	•		•		<u> </u>		•
≥ 4500 ≥ 4000	• •		• •	•	· • ·	•	• 1	• 1	• •			•				•
≥ 3500 ≥ 3000	· ·		•	• ·		.* •	, 11 •	•	•			•	•	<u>.</u>	· · .	•
≥ 2500 ≥ 2000	•	· _ ·	· .	· / 	•	•	· '• 1	• ;	· `		· · · · · ·		•	•	7.7	1.
≥ 1800 ≥ 1500	•			• •		/ • x	· · ·	',	'•·		, <u>, , , , , , , , , , , , , , , , , , </u>	• .	• '	•	•	•
≥ 1200 ≥ 1000	• •	7.1			. !	•	• · - · · • · ;	. 7	• • • •	· · · · · · · · · · · · · · · · · · ·	i	• `	• "	' • • .	• •	•
≥ 900 ≥ 800	•		•	• ' • • • • • • • • • • • • • • • • • •	•_		· · · · · · · · · · · · · · · · · · ·	. 7	• 7			· .	•	. • .	•	•
≥ 700 ≥ 600				'	•	•	•	• !	•		·•	• ` 	•			•
≥ 500 ≥ 400	• .	्र । - १७%	•			•	· · · · · · · · · · · · · · · · · · ·	· · · · · ·	•	• •		· · · · · · · · · · · · · · · · · ·	•			•
≥ 300 ≥ 200	• •	/ • · · 	• • • • • • • • • • • • • • • • • • •		•	•	• •	•	•	•	•	•	· `	•		•
≥ 100 ≥ 0		,		• •	• • •	•		·	•	•		•	• `	•		•

TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

HOURS ILS T

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING					<u> </u>		VIS	SIBILITY (ST	ATUTE MIL	LES)			-			
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 114	≥ 1%	≥ 1	≥ ¾	≥ 4,	≥ ⅓	≥ 5/16	≥ '•	≥ 0
NO CE:LING ≥ 20000								 					1			
≥ 18000 ≥ 16000			*-	!	1											
≥ 14000 ≥ 12000											1					
≥ 10000 ≥ 9000										i	:					
≥ 8000 ≥ 7000			!												•	
≥ 6000 ≥ 5000					:											
≥ 4500 ≥ 4000		•			İ											· · · · · ·
≥ 3500 ≥ 3000													•	·		
≥ 2500 ≥ 2000	•			:										•		,
≥ 1800 ≥ 1500										--				•	•	
≥ 1200 ≥ 1000	•												•	•	•	,
≥ 900 ≥ 800													•	•	•	
≥ 700 ≥ 600	•			1											•	
≥ 500 ≥ 400	•														•	•
≥ 300 ≥ 200	•			!										•		
≥ 100 ≥ 0															- •	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI	SIBILITY (ST	ATUTE MII	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ 4,	≥ 1/2	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000	•				•		•	•	•	•		•		:	•	•
≥ 18000 ≥ 16000	•	•				•		1					• "	•	•	
≥ 14000 ≥ 12000	•	•		•		5.7	7	• (•	7			, 7	•,		. 7
≥ 10000 ≥ 9000	•										• *			•		
≥ 8000 ≥ 7000	•		•	3	1	3.			•	٥.	7.	2) • ·	•	•	7.	
≥ 6000 ≥ 5000	•			1		3 • 3 1. (1 •	- ,	. 3	, , , , , , , , , , , , , , , , , , ,	1 1 2		10.1	h A · · ·	h.		
≥ 4500 ≥ 4000	•	1 .	1	1 .	1						1	1		ļ .	1000	
≥ 3500 ≥ 3000	•	1.4	11.1	1				1	•	,	1		h			
≥ 2500 ≥ 2000	•			1	1 .		1	i		•			•	j		
≥ 1800 ≥ 1500	•	1 .	•	1	1	1	1	1 • .					1	i . 1 .		
≥ 1200 ≥ 1000	•	11 .		1 .		^.	1 ·	1 .	1		1	1		1		•
≥ 900 ≥ 800	•			1	1		1	1 .	1 ^ · · · · ·		1	1 .			1	•
≥ 700 ≥ 600	•			i .	1	• ان د• د ا		1 • 2	1 .	1	1	<u>.</u>	<u>. </u>	jì .		•
≥ 500 ≥ 400	•	12 .		i .	1 .			1	• • • • • • • • • • • • • • • • • • • •		1	1 •				•
≥ 300 > 200	•	•	113.0		1 .		į	1		! ·	! .	i .		1	1	•
≥ 100 ≥ ⊃		1	<u> </u>	1	i			1	1		1	1				•

TOTAL	MUMBER	OF	OBSERVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS ILS T

CEILING							VIS	SIBILITY (ST	ATUTE MIL	.ES)					-	
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ 3,,	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 6
NO CEILING ≥ 20000	•			•					r			•	- 6	3.	J 4 . 4	• '
≥ 18000 ≥ 16000				(ng (n) A	4 • . 4 • <u>7</u>	2 1, 5 3 14 6 15	- 14 . 1 - 4 . 5	() ^	री + • () ইংল • ()	56.0 54.0	64.1 64.1	- 4 . 7 - 4 . 8		4.7	्र ≒ • ऽ 5 ५ • ऽ
≥ 14000 ≥ 12000	• 1	7. • 7.	6 • C		51.		7 .3	7 • *	1 6 6 7 3 6 7	€>•3 7 •	t.e., 7 . >	7 . 3	- r	7		7
≥ 10000 ≥ 9000	7.:	*E •	77.5	7 7 . h	7 17	7, 4	77.4	77.4	75 . d	77.4	7.	77.4	7 . 7	76. 77	76. 77.5	77.
≥ 8000 ≥ 7000	′′ • ¹¹		•	• 7	•	,_•	50 • 7	7	•	· 7	- 7	•		•		· · · · · ·
≥ 6000 ≥ 5000	l •	6 • ·	•		• 7	3 • 3 6 •	80.7 87.4	د .	î . 7	52.00 3 90.00			•	•		7.
≥ 4500 ≥ 4000	•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· ·	• 1	1	1.	• 1	• 1	1.0	•1•	() . 4	01.	.1) - ≥1•	1.	•
≥ 3500 ≥ 3000	• *	• •	3 · ·	• • • • • • • • • • • • • • • • • • • •	• • •			s • 1	1 2 • 1	1 (• . 3 (• 3	6 .1	76 <u>1</u>		· · · ·	1	
≥ 2500 ≥ 2000	· · · · · · · · · · · · · · · · · · ·	* • !	7.!	1.1	7.	7 • 1 7 • 1	77.1 77.7	17.4		77.4	± 1 • 1	7.4		, , , , , , , , , , , , , , , , , , ,	7	*
≥ 1800 ≥ 1500	• `	•		7.7		•	7.7.7 3.4	• 7	• !	, , , 7			. /			•
≥ 1200 ≥ 1000	<u> </u>	· .	- · · ·	7.7	• (₁	. 7		. 7	• 1	• 7	• 7 • • •	• 4	•		. 2.* . 2.*	•
≥ 900 ≥ 800	• '	7.1	7 • ! 3 • • !	• 1		, 7	7.0	e 44	7 . (.	, , , 7	. 7	• ?		• 7 • <u></u> • 7	· · · · · · · · · · · · · · · · · · ·	1
≥ 700 ≥ 600	<u>.</u>	7.	9 • 1	• 1	• 7	. 7	.4.1	10.4	- <u>.</u> t.	- , , ,		• 7	• • • • • • • • • • • • • • • • • • •		• •	
≥ 500 ≥ 400	•	,	• 1	• 1	•	. 7	7.6	• •	- (s	• 7	7	19.7	, ,	. 39. .7 	3.7	1
≥ 300 ≥ 200	! •	7 . 1	•!	• • 1	• 7	5 • 1	•	- 4 - 5 • •	- 4	. 7	. 7	7	, ,	• ?		!
≥ 100 ≥ 0	• 1	7 • ·	•	• 1 • 1	. 7	* 1	•		• ia • ia		• 7	. 7	• 1	00.7	97.7	1 •

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

								SIBILITY (ST	ATUTE MIL	FS)						
CEILING (FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 114	≥ 114	≥ 1	≥ ¾	≥ %	≥ 1/3	≥ 5/16		- ·- ≥ o
														 		<u> </u>
NO CEILING ≥ 20000	<u>. . </u>	· · · · · · · · · · · · · · · · · · ·	•	· · · · · · · · · · · · · · · · · · ·	• • • • • •	-		. 1	• 1	5• 0•1	/•1	- 1	• 1		7.1	
≥ 18000 ≥ 16000	7.7	7.	3 .	. 7.7	, 7 , 7	7.1	7.7	- ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	7.*	57.7.	7 . 7 1	7.	~ , 7	! .७., हा !	7.7	7.
≥ 14000 ≥ 12000		,	7 .		-	•	7:./	, .	7	7	77.	7 .	7	-,	•	7
≥ 10000 ≥ 9000		7.3 . 7	7 ,	. 7	, ,	· · /	7 . 7	•	7 ; 7		7. 7	- 7	• 7	• • • •		
≥ 8000 ≥ 7000		•	.,				4		· , /			4,5				•
≥ 6000 ≥ 5000				• 1	1	t • 1	. 1		1	3 to 1	• 1	1	33.1		· ·	
≥ 4500 ≥ 4000	•		7	• 5		3.5	5 . t	· • 3	7	\$ 1.5 5 1.5			 -		<u>50</u> , 3	
≥ 3500 ≥ 3000	• 1		7	7.07	77.7	7.	7,7	. 1 . 7	7	77.7	7.7.7	35.7	7	75.7	7.7	• = .
≥ 2500 ≥ 2000	•	17.7	C 1	****1	• !		1	• 1		• 1	26		• 1			•
≥ 1800 ≥ 1500	•	- <u>- • /</u>		•		9	70.1 50.4	- (,	7 . 2	2 4 4 1 1 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1	3		• 4	، چين دورون		
≥ 1200 ≥ 1000	•	1. S	2 7	0.4	10 . u	0 6	5.3 4 25 4		^ li		िकेड हैं। अंदर्भ	💆 🗸				
≥ 900 ≥ 800		٠.	27.4	1 4	•	7.4	, > L	. 4) ii	; · • ·	•					•
≥ 700 ≥ 600	• .	•	•	- 4		• •	> .	• 4	~ . s.	7., G		7	7	• = 5 - 7 -	,	
≥ 500	, • 	•	•	• 4	•	3	.0.6	• •	•	. 7	1	•	• ,-			
≥ 400 ≥ 300 ≥ 200	• 1	· · · · ·	•	, <u>,</u> 4	• (,	<u>,,</u>	,0.4 ,0.4	10 ° 0	•	3.47	1.		•			
≥ 100 ≥ 0		· 6.	•	5 44 5 4 44		• "	+ و قر ا + م قر ان - م م قر ان		- is (1 23 0 0 21	•			

TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ 14	≥ 0
NO CEILING ≥ 20000	• 1	- 1	4 .	. 1	•	7	4' • *	•	 	4 ·	4 2 . 4 0 3 . 7	4 - 4 19 5 2 • 7	±0.4 3.7	4 ? . E	45.4 5.7.7	
≥ 18000 ≥ 16000	•	"	67.3 51.3	()	1.	1.1	1.7	1.	1 •	71. 52.5	. 1 • 5 ? • ?	1."	. 1 . ~	1.	1.	
≥ 14000 ≥ 12000	1.	(1.) 3.5	65•4 54•5	6.5 • 0 8.4 • :	Service Services	2 • ·			7 , 7	53.4 15.4	***	7.	•			; ;
≥ 10000 ≥ 9000		3.	71 • 3 71 • 3	73.7	71.7	71.	71. 71.6	71.2	71.	71.	71.	71.	71.3	71.	71.7	71.
≥ 8000 ≥ 7000	~ -	7 . 7	7 7	*4 . 5	74 e	4	7	74.1	74.2	7	75.8	7	7	7	75.	7
≥ 6000 ≥ 5000	1.	76.3 1.7	7	77.1		7.1	77.4	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4500 ≥ 4000		1.	30.5	4 • A						•		·	1.5	.;:	,	• 7
≥ 3500 ≥ 3000	•	•	. 1	•	•		77.1. 97.5		7 • ()	77.1	2.0°	•	1	13. 17.1	7.1	
≥ 2500 ≥ 2000	•	1/ • 1	9°.	7.4	•	7 . L	47.7	7.7 .4	7.7	3	7	• 1 6 • 7	• !	# • • 14 • 7	· · · · · · · · · · · · · · · · · · ·	• 1
≥ 1800 ≥ 1500		7.4	⇒?.a	•	•	1 P . 1	يان و المان ا	q	tr	21 • ?. 7 · • ?	, · • 7	7 7	. 7	.7	* 55.7 1 5 *	• •
≥ 1200 ≥ 1000	• !	7 • 4 7 • •)	• • 14		7	7.7	17.4	3 . L	3 7		T 3.7 ∫. 1	,	· · · · · · · · · · · · · · · · · · ·	ि प्रति. र 1888 • र	7
≥ 900 ≥ 800	•	7.5) .7 .7		• ··		/4.7	77.7	.a.?	i .	1 •	1 .		<u>.</u>	· .=	
≥ 700 ≥ 600	•	7 , 4	, . 7	• •		0.9 7.•=	7	? 7	ر . د. و د		1: •	1		yd. •)	
≥ 500 ≥ 400	•	7.5	. 7			7	, 7	: 7 : 7	•	1	107.1	1				1 .
≥ 300 ≥ 200		7 • 4	91.7		7 . (.	% . €.	• 7	7	• •	1	1	1	∱ <i>πο</i> 1.7.0	77.		
≥ 100 ≥ 0	•	7.) <u>.</u>	• 4	* • · · ·	7	7 • 7 • • • 7	. ,	•		1 ., .	1,	1		i

TOTAL	NUMBER	OF	ORSE	BVA	MOIT	۱

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING					7 <u></u>	·- '	VIS	BILITY (ST.	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ '₄	≥ 0
NO CEILING ≥ 20000	, ,				4	٠, •	1,		•	• •	44.	. ii		gr T		•
≥ 18000 ≥ 16000		7.1		7.4	- 7 - 0	7.0	7,4	. 4	• •	7	7 7 4		. 7	7	7.	
≥ 14000 ≥ 12000	• 3		, ,	7	1. • "? • Ii •	- 4	5 . 7 6 4 . 7	. y	(,	44	6 . 7	(, ,	1.	1.	1.	: •
≥ 10000 ≥ 9000	7				6.7	7.7	50.00 50.7	7.	• ,	5.3. 6.4.7	9	7	, ,,	, ,		
≥ 8000 ≥ 7000	1.	71.0	7	7	7 . 7		7 7 . 3	7:00	7	73.7	7 3 • 7	77.2	77.	7 .		
≥ 6000 ≥ 5000	• • •	74.	7 • .	7. • : !	7 . 7	•	7 • .	•		7	7'.			7.	Ţ.,	
≥ 4500 ≥ 4000	1.		•		7		. 1. 1. 2.9 • 7	: , , 7	7	Q \$. /	5.0.7	30.7	• • •			•
≥ 3500 ≥ 3000	1.	1.	- 5, 3	• 3	3 " • ;		40.7 45.	•		÷ .	75.0	1 2 • 3 2 • 4	•	÷ • •		•
≥ 2500 ≥ 2000			• 1	• 1	47.1 37.7	7 . /		15.0 L	90 . c	+2 • 1 72 • 9	* £ • 1		. 7	77	4.	3.4 ° 3
≥ 1800 ≥ 1500	•		7.7.1	7	7,7	7.7	. 4	• 1	13 / · · ·	3 • 4 3 • 1•		7.4	. 7		लिके , र चरुक्कर	
≥ 1200 ≥ 1000	•	•	2 . u	• 1		7	9 . j	, . . 4	70.1	. 4	9 9 . 7	• 4	, _ ,	1	(19. €) (1. €)	•
≥ 900 ≥ 800			3 % to	ان . اور د	•	٠, .	0 = 4	19 g . 44 19 g 4	بايوا و 14 و :	49.7	ेड् र		! . ! .		inn. : i	•
≥ 700 ≥ 600	•	•	-7 .4 5 .4	, si		, ,	is	₹ . 4 14.5		• 7	50.7	74 . 7!	1 • ;		•	•
≥ 500 ≥ 400	·	5 .	7 . 4 7 . 4		•	•	29.4 92.4	i la	. 5, 64 . 6 6	· · · · 7	5 o 7	90.7		1		•
≥ 300 > 200	<u> </u>		, i i		•	ÿ. ∀.	ره و ادر په و در	.9,u	- 1	· · · · · · · · · · · · · · · · · · ·	2.7	15.7	1: • • • • • • • • • • • • • • • • • • •	11	[5] [5]	: 3 1 <u>1</u>
≥ 100 ≥ 0	?•		0 4		•	· .		7 3 4 H	11 (1)	· · • 7	7.7	7	1. 7		(១០.√] លោកសេរ	

TOTAL NUMBER	OF	OBSERVATIONS	

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				· · · · · · · · · · · · · · · · · · ·			VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ 3,,	≥ %	≥ 1/3	≥ 5/16	≥ ′•	≥ 0
NO CEILING ≥ 20000	4.	•	7, 7, 1	. 1	7	7	 5.7	7 44 7 6	7.9	7.4	57.4	5 7 g		17.4	17.1	· · · · ·
≥ 18000 ≥ 16000		7.7	4	. <u>1</u>	5 . 7	7 . 4	. 7	€.7	5.7 . 3	7	ुं । ध उ : अ	5 . , ,			7	• •
≥ 14000 ≥ 12000		1.	61.0	1.9 6.85	į	2.1 45.		2.3	2 E	54 • 3 25 • €	31.1	ۇ • دە ئەرىدە	,	4 %	· ·	
≥ 10000 ≥ 9000		. • 1	7 .	7	7.4	73 74	74.	7.	7.4	7	7 1 • 1	74.		u		
≥ 8000 ≥ 7000	•	7 . 7	7 . 7	7 . 7	7		70,4	7 4	7	7 7 4	7 4	7 7 4	7 • 4	7		,
≥ 6000 ≥ 5000	· · · · · · · · · · · · · · · · · · ·	1.	*1.**	* 1. • 5.	1.0	1.] -	1.0		1.9	-1.7	1.) 1 !	1.0		1.7	
≥ 4500 ≥ 4000	\ . 		· · · · · ·	. 1	1.	5.1 1	** • 1 • 1 •	1.		1.	1.	1.	• 1		1.	- • 1 - <u>- 1</u> • 1
≥ 3500 ≥ 3000	७,∤ 	1.	37.1	د. لقفد ئے		ي وي روون		`∴•: %•:		€ C.); • ^	3 • € <u>• 2 •</u>		• •	• •	•
≥ 2500 ≥ 2000		٠, , ; <u>١, , ، ;</u>	91. 37.1		₹ • 1 27•4	6 7 . 4	25.3 27.4	7.4	1 4 • 1 U 7 • 6	/ 1 / 4	7 • 1 7 7 • 6	· 7 · 4	• •	- <u>- 1</u>	- 4	
≥ 1800 ≥ 1500	1.	- • 1 • i	97.1 99.1	5, 7 <u>}</u>	5 . L	7 . u	7.64	-7.4 4	\$7.K	37.4 55.4	77.00 2.6	7 . 1		1 / • • /! • • • •	7.4	7
≥ 1200 ≥ 1000	•	7 • 1. 7 • 1.	* • 1	•)		γ , 14 , 4 29	7 " . 4	lq	• • •	. 7	, ,			•7 ••	7	•
≥ 900 ≥ 800	1.1	7	* 1 • 1	• 1		• 4• • • 1		* 43		• 4		7	, u	• -:		•
≥ 700 ≥ 600			•	7		9.	. u	* • • i	5 , 16 . 3 , 4	• 7	• 7 • 5 • 7	· · · · 7		5 . 7 . 7	7	•
≥ 500 ≥ 400	•	/	, • •		• •	• :	7	. 7	7	1 1 1 0 0 0 1 1 1 1 0 0		1	1			
≥ 300 ≥ 200	1 • 1 1 • 1	7 • • · ·	· ·	•		:	7	7		•	1 ."	1 • 1	1		100.	
≥ 100 ≥ 0		7		•	اً ، . اما م		. 71	. 7	् , 7(•		!" •^ ! `•"	· · · ·		* 70 . 101 . n.	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	. ≥ 11/2	≥ 1%	. ≥ 1	≥ 3,,	≥ %	≥ 1⁄3	≥ 5/16	≥ '•	≥ 0
NO CEILING ≥ 20000	•	1.	1.1.1	. 1	1.	1.	, ,	1.5	•	1.	61.	· i • !		1.1	· 1. `	•
≥ 18000 ≥ 16000		•	5		£ • °	•								•		•
≥ 14000 ≥ 12000		11.	71.		7	1.	7	71.	71.	71.	71.	, ·		•	1.	
≥ 10000 ≥ 9000	7	77.1	77.1		77.	77.1	77	77.1	77.1 77.	77.1	77.1	77.1 77.1		7.	7.	•
≥ 8000 ≥ 7000		7		. 7	 	1.	1.7	.7	• "	1.	7	1.		1.	1.	
≥ 6000 ≥ 5000		7.1	7.1	7.1		7.1	7.1	7.1	* . ^	7.1	, , 1	7.1	7.1	i	7.1	, .
≥ 4500 ≥ 4000	1.1		2 1	•)	•		, ; , ,	10.00	· · · · · · · · · · · · · · · · · · ·		c	• 1		• 7 • 12 • 4	_ • 1	•
≥ 3500 ≥ 3000	7.	•		•	•	٠ 		٠. د د د	1.0	97.		1 '• '		1.64		•
≥ 2500 ≥ 2000) •_			•	0 e . 1	(i.e.)		(• • • •	9 6 6 27 6 6	9.0	77.5 C 2.5			•	•
≥ 1800 ≥ 1500	1 •	•			•			•	• *) •0	4	•	•	•
≥ 1200 ≥ 1000	, .		•	5.0 , y 2. , y	97 . U	٠.	; `.o	• •	•	•		· ,	۰. د		•	•
≥ 900 ≥ 800		•	1 -		7	g,	9		• •			45 • 3	⁷ •		· ·	•
≥ 700 ≥ 600	<u>.</u>	· · · ·	7	/ • J	77.		, (, , , , , , , , , , , , , , , , , ,	0.1 2.0	. 1) . 7	17.	134.7 150.	. 7	• •		* • * * * * * * * * * * * * * * * * * *	
≥ 500 ≥ 400		•		• 5	•	•	•	•	• ′	7.)	•	•		•	1
≥ 300 ≥ 200	. •	•		•	1 × 4	9	•	• 5	•	•	•	17.				
≥ 100 ≥ 0	1.	•	i 41 i 21	•		9.			•		1	1 • J			19 1.8 197.5	1

TOTAL	MILIMARED	OF ORSER	PHOLEANS		

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	.ES)				·		
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	<u>≥ ¾</u>	≥ %	≥ %	. ≥ 5/16	≥ '₄	≥ 0
NO CE:LING ≥ 20000	•	1.	·	6.1 s.		1.	1 .	•				•		*	7 . u	•
≥ 18000 ≥ 16000	1.:		, 4		7	,	7.7	7	7	15	7 .	7.0	•	, ,	7.7	
≥ 14000 ≥ 12000	7.1		د ه د د د د د د د د د د د د د د د د د د	* * • # * • • #;	. 7	7.2.	,	. 7	• •	•		7 ·	• • •			
≥ 10000 ≥ 9000	, ,	74.1	70.0 74.7	74.5	- 4	*4. *	74.6	74.4	7: 1	74.5	7 2	7: •	-	74.	74.5	· · ·
≥ 8000 ≥ 7000	17	•	7 .5	7 . 3	7 .4		7 •4 75•1	7 .4	7 .4	7	7	7 • 5	7	7	ំភូនិ _{មិ} ខិ ទី១•	7 .
≥ 6000 ≥ 5000	7		# 1 . H		•		41.0 5.4	1.	1.		1.	1	1.1	1.1	1.1	1.
≥ 4500 ≥ 4000	• 1	1.	11.1	i	7: • · · ·	5	57. 1 71. 1	1.		7.	•	7.	7.1	7 . i	7,	•
≥ 3500 ≥ 3000				9 • 1		3		3.44 35.43		76.0			. 4	* * • • •		•
≥ 2500 ≥ 2000	•	·7 • 1	9.7	7.3	°:•1	.	•	5 7.	37.7 53.0	97.4	27.1	- 7 • 1 • 4		20 • •	7.	•
≥ 1800 ≥ 1500		7.1 7.0	5 . • a		5. <u>1</u>	7 . .	7			• • 1	7.4 7.1	4	1		. 0 . 0 . 1 . 5 • 1	:
≥ 1200 ≥ 1000	•	7.7	77.4 77.65	19.7	; • f	9 1	9 ° • 1		* • *	. 1	÷ • 1	• 1		****	[4 3 , 1]	•
≥ 900 ≥ 800	د . د و	7.	9°•7	: 4	- 1 - 1	•		. 4	ه و دو عدود د	97. 35.		* ^ • _ •	· · · · · · · · · · · · · · · · · · ·			•
≥ 700 ≥ 600		7.	9.	() ()	'0 • 1	0 · . 5 · 1	77.4 27.4	. 4	,5 • ₽ 5 • ₽	, 7	7	. 7		7	20 .7	•
≥ 500 ≥ 400		7.	, ,		12.52	6	90.5 21.5	• 1	• •	•		. 5		1 •		•
≥ 300 ≥ 200	••	7.	, . 		99. 95.	7.	• 5 • 5	5	Е	•	35.5 27.6	•		1		
≥ 100 ≥ 0	u .	7.	7 . f	~ · •		9 . 5	٠	•)		•		2	1		10" • 111 111 • 111	•

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI	SIBILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	- ≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 112	_ ≥ 1	≥ ¾	≥ 4	≥ 1/2	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000			•							 				 		
≥ 18000 ≥ 16000			!	!								-		+		•
≥ 14000 ≥ 12000			,													
≥ 10000 ≥ 9000			•	1						:				****		•
≥ 8000 ≥ 7000			1	,	!					i	•		• —	••··- ·- •		•
≥ 6000 ≥ 5000			<u> </u>		i	·	1	•		!	•					•
≥ 4500 ≥ 4000			·				:			1			•••	• • •		•
≥ 3500 ≥ 3000	:						1	•					•	••		•
≥ 2500 ≥ 2000	•		*		·			**		·			•	•		•
≥ 1800 ≥ 1500					:		<u>+</u>				•					•
≥ 1200 ≥ 1000			•							:			• -			•
≥ 900 ≥ 800			•		:		<u> </u>					· — ·		• - •		•
≥ 700 ≥ 600			*··· ·= ·	i			•						•			•
≥ 500 ≥ 400					!		i	-					•			•
≥ 300 ≥ 200				1	!					!	•— — • ·		•	•		•
≥ 100 ≥ 0			+		1		!			•		·	•	•		

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

HOURS : L S T

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ 3,4	≥ %	≥ ⅓	≥ 5/16	≥ '.	≥ 0
NO CE:LING ≥ 20000	•		•		•	•	•	•	•			•				•
≥ 18000 ≥ 16000						•	•			•						
≥ 14000 ≥ 12000	•	•	•						•	•		•	•	•	•	•
≥ 10000 ≥ 9000		1 .	9.7	1												•
≥ 8000 ≥ 7000	•	1	\	1	1 .	1 11.							1 .			•
≥ 6000 ≥ 5000	•	1	•	i •		· •		1			1 .	1	1			•
≥ 4500 ≥ 4000	•			1 .	1	3.			: • ·	,	1 .			1		
≥ 3500 ≥ 3000	•	1 .	•	1 .	1 .		10 • 1	i	•			1 .	h	† -, † # .		•
≥ 2500 ≥ 2000		1 .		1		•		1 •		!	•	1 .	1 .	1 .		•
≥ 1800 ≥ 1500		1 .		1	1	1 0.		1 • 1	• .	. •	1	1				
≥ 1200 ≥ 1000	•	1	1	1 • 1	١,	10.0.	1		•		,	1 .				•
≥ 900 ≥ 800	•) . ì .		1	•		100.0 1	1	•	•	1 •					•
≥ 700 ≥ 600	•		•	1 .	1 .				•		•	•			i 1, •	•
≥ 500 ≥ 400		<u>.</u>	•	1	1	1 , , ,					- • ·	•				•
≥ 300 ≥ 200	•	1 .	•	1 .	1 .	 : ::::::::::::::::::::::::::::::	•	1	•	•		1	•		1	•
≥ 100 ≥ 0		1	•	ì 1			•	• - 1	•		•	1)		• .

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MILI	ES)				-		
(FEET!	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 112	≥ 1%	≥ 1	≥ 1,4	≥ 4,	≥ ½	≥ 5 16	≥ 4	
NO CEILING ≥ 20000		7."	•		7.	-,		7,			•	61.7				
≥ 18000 ≥ 16000						· ·	7		11.	•	· · ·					· · •
≥ 14000 ≥ 12000	•	· . · 7 •	, , ,	•	, , , , ₇	· , ,	7	7	•			7			, ,	•
≥ 10000 ≥ 9000	• •			•		1.		5 . 7		•	•	:• /			•	•
≥ 8000 ≥ 7000	· · · · · · · · · · · · · · · · · · ·	7.	· , ·	7 • 2	, , , ,	• 1.		7.5	; • 7	; ; ; [?]	7.7			·	7.7	
≥ 6000 ≥ 5000	• ,	· • · ·	•		• •	•	7	.7	• 1	• •	• *		•	• .		•
≥ 4500 ≥ 4000	• ·		•	•	•	- •				•	•	•	•	•	•	
≥ 3500 ≥ 3000	•	•	•				7.7	.7 /,7	•					*? **!		•
≥ 2500 ≥ 2000	•	•	•		•	• .	•			•	• •	_•.	•		• .	•
≥ 1800 ≥ 1500	•		•	• .					• •	• ·	•	•	• *	• *	•	•
≥ 1200 ≥ 1000	•	•	· •	• · • •				/u*	•			•	•	. •	•	
≥ 900 ≥ 800	•	•	•				•	•	•	·	•	• ' • '.	• 1	• ;	•	•
≥ 700 ≥ 600		• '	· •		•	•		•	• !	·	• '	•	•			• •
≥ 500 ≥ 400	•	· •	,	•	•		· · · · · · · · · · · · · · · · · · ·	_•			•	•	• 7	,	• `	
≥ 300 ≥ 200	•		•	•		•	•		•	•	•	• 7	:	•		
≥ 100 ≥ 0					• 1	•	•	•	• 1	•		• 7	• 7	• 7	· · · · ·	

TOTAL NUMBER OF OBSERVATIONS

DIPHAVOCEAUTIET STOS

MANAG WEATHER OF BUILD BUILDS BUT TO AS HELVEL FOR THE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

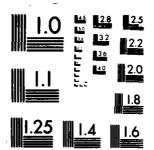
STATION STATION HANG

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11.2	ک ۱۱۰	≥ 1	≥ ર₄	≥ s ₀	≥ `1	≥5 16	≥ .	≥ o
NO CEILING		•	•	•			. , ,			•	•	•		•		
≥ 20000	_ 4.4 .		. 1.		7	<u> </u>			•		<u> </u>					
≥ 18000	1.	· • 1 • ·	• • •	- 7: • * ⁱ			,	71.	,		`.				١.	-
≥ 16000	. <u></u>	'' <u>1.•</u> '	71.	• • •	· · · ·		7 } • *	7	•	,	<u> </u>	:				
≥ 14000	•	•	•		•		•	٠.	•	•	•		•	•	• •	٠,
≥ 12000	•	•	• '	•				1: • I)	•	·	- , ·	• •	•	•		
≥ 10000		• •			7 .						7		•	•		
≥ 9000				•			• '	• 1	• 1	•		•				
0008 ≤		1.	-				•		, ,	i •						
≥ 7000	٠.						•	•	•							
≥ 6000			<i>-</i>			•	· · · · · · · · · · · · · · · · · · ·	7	- -				٠	•		•
≥ 5000	•						1 7	· • I	. ,							
≥ 4500		,		· †								•				
≥ 4000	•	_									_	_				
≥ 3500	·		·	·			•	· -					• • • •	• •	•	•
≥ 3000	•		•		, "	Ÿ.						• .	•	•	• `	
	•	• •	• <u> </u>	• •		•	•	<u>-</u>		· · · · · ·	· — <u>`</u> ·		•			
≥ 2500 ≥ 2000	•	•	• •	,	• .	• .	. •	•	•	•	•	•	•	•	•	
-	· •		.	· • ; ·		···	·			•	• .	•	•		•	
≥ 1800 ≥ 1500	•		• •	٠,	• .	• .	· •	•	•	•	•	•	•	•	•	
	•	• • •	, •		 -			.	- • •	···· ·	٠.	•	. •	. • .	•	
≥ 1200 ≥ 1000	•	. •	•	•	•	•	٠	• ,	•	•	• ,	• .	• _	•	•	
+	•	. •			. •		• •				• .	•	· • _	• .	•	
≥ 900 ≥ 800	•		•	•	•	•	• ;	• 1	•	•		• *	4			
2 800	•			• .,	•	•	·• į́.		· ;·	•	• .	· •		· • .	٠.	
≥ 700	•	•	•	• .	•		• :	•	• .	•	•	•	•	. •		
≥ 600	. •					, .			· · · · · · · · · · · · · · · · · · ·	•	٠.	. •	. •	· .	٠,	
≥ 500	•	•	•	•	•		• '	• '	• `	•	. •	•		•		
≥ 400	•	, · ·				_:•	• ,	· • į.		• .	. · .		. •	• ,	•	. '
≥ 300	•	•	. •	• .	•		•	• 7	• '	•	. •	•	•	. •	•	
≥ 200	. •	•							- · • - •	·•	<u> </u>	: <u>.</u>	.1	. • .	• .	
≥ 100	•	* · · ·	•	•	•	•		• '	• 1	. •	: ,		•	•	•	
≥ 0		•	• *		•	1	•			•				. •	•	

TOTAL NUMBER OF OBSERVATIONS

ORNANOGERIMET SMISS

AD ·	A150 4	81 5	UMMARY ALLON SHEVIL	OF MET	EOROLO U) NAV	BICAL C	OSERVA MOGRAP	TIONS !	SURFACE NAMO DE	I SMOS TACHME) 2 N1	V4	
LINC	LASSIF	1ED "	PARAIL		AUG 61				<u> </u>	G 4/2	N	<u> </u>	
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		<u></u>	<u> </u>										
									_				



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS 1963 &

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ .	≥ 0
NO CEILING ≥ 20000	71.7	71.7	6' • ^	71.7	÷ 1• 3	10.3 72.1	60.7 70.0	:3•3 7:•0	13.7 77.0	55.3 72.0	50.7 72.0	10.3 72.0	· 2•3	80.3 72.0		€5.7 72.0
≥ 18000 ≥ 16000	71.7	72.7	7:0:	77.0	7	72.3 73.1	77.3	77.3	7:07	72.3	77.7	72.3 77.0	77.5	72.3 73.0	77	7
≥ 14000 ≥ 12000	/202	75.5	77.3	73.3	77.7	73.7 75.7	73.7 75.7	73.7 75.7	73.7	73.7	77.7	73.7 75.7	77.7	73.7 75.7	7:.7	7 7
≥ 10000 ≥ 9000	7	96.7 93.7	& Դ∙ ೧ ৪≒.•7	ن . د ۰ 7 •	3.3 91.5	:0.3 1.3	80.3	90.3 61.5	3 7 • 7 3 1 • 7	°3.3	:0.3 :1.9	e5 :1•5		10.3	1.	7
≥ 8000 ≥ 7000	1.	1.3	81.3	-1.3 -1.3	1.7	e1.7	51.7 81.7	01.7	51.7 51.7	31.7	51.7 91.7	51.7 21.7	61.7	*1.7	11.7 [1.7	21.7
≥ 6000 ≥ 5000	1.7	2.	82.7 83.3	72.03	07•3 36•7	7.3 58.7	87.3 80.7	82.3 73.7	-7.7 89.7	85.7	2 - 3 65 • 7	82.3 50.7	77.3	2.3 20.7	80.7	: 2 • 3 7
≥ 4500 ≥ 4000	· (• 3	29.7 23.7	87.7	94.7	òπ • Ω òπ • Ω	10.7	90.0 94.0	95.5 94.5	95.7 24.1	90.00 74.00	94.1	90.0 84.7	20.0 94.0	າດ.•: ຕຍ•:	98.0 98.0	- 4
≥ 3500 ≥ 3000	26.5 28.5	96.7	99.3	96.7	97.7	7.7	97.0 99.7	77.5 99.7	97.9 99.7	97.	97.7	97.7	97.5	57. 59.7	9.7	27. 49.7
≥ 2500 ≥ 2000	9. T	9.	99.3 99.3	50 . 3 60 . 5	99.7	9.7	99.7	79.7	99.7	99.7	99.7	99.7	22.7	79.7	39.7	59.7 62.7
≥ 1800 ≥ 1500	3	99.	30.7	59.3	97.7	9.7 79.7	99.7		35.7 99.7	99.7	90.7	99.7	30.7	79.7	99.7	29.7
≥ 1200 ≥ 1000	2.7	39.3	99.7	49.7 39.7	199•9 193•5	170.0	100.0	1	100.0 100.0	1. 3.4 100.0	100.3 150.3	100.0 100.0	1 1	170.J	107.0	
≥ 900 ≥ 800	C M . 7	99.3	99.7	. 7	1	100.5 100.5	1 30 • 5 1 30 • 5	100.0	1 77 • 5 1 77 • 5	170.0	100.0	1 7 7		1 70 • 0 1 75 • 0	120.0 120.0	
≥ 700 ≥ 600	7	79.3	90.7	2.7	1 1 - 6	175.0	100.0 100.0	100.3	125.7	173.0	105.5	100.3	117.7	100.0	130.0	1 <u>.</u>
≥ 500 ≥ 400		99.3	97.7	99.7	100.0	100.0	137.0	100.0	199.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 300 ≥ 200	5 • 7 • 6 • 7	75.3	7 / . 7	c . 7		1 0.	100.0	113.4 170.3	107.7	130.0	100.0	100.0 100.0	77.0	173.1	100.0 100.0	1
≥ 100 ≥ 0	8.7	19.3 19.3	92.7	· · · 7		1 3.0 1:3.0	100.0 100.5	100.0 100.3	1.00.7 160.0	100°0	100.0	190.0 190.0	• ~ •	100.0	100.0	1

TOTAL NUMBER OF OBSERVATIONS

STATION HANG

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ 1,4	≥ 0
NO CEILING ≥ 20000	57.	₹5.1	52.	53.6	_	13.0	53.3			1				53.3		E . ?
	<u> </u>	16.7	67.		67.0	· 7 • ·	07.3			67.3					67.3	
≥ 18000 ≥ 16000	56.7 56.7	68	62.3	57 • 3 4 3 • 3	6 . 7 6 . 3	*5.3		45.7	_	64.7			60.07	66.7	1	55.7
≥ 14000	69.	70.7	77.7		7 . 7		71.0	71.0	71.0	71.			11.5	71.		71.0
≥ 12000	77.0		- 1		- 1	_	74.3	74.3	74 . 3	1				74.3		7.
≥ 10000	75.			7 . 3	7 . 3		75.7			7 7			7:.7	<u> </u>	79.7	
≥ 9000		78.3		77.0	72.7	79.3		79.7	- 1		79.7	'	-		! .	79.7
≥ 8000		cn "		1.3	-1.7	1.7	87.0	2.0	22.0				3.0	32.0	•	
≥ 7900	79.3			1.3	41.7	61.7	82.7	20.0	.z •	62.3			22.0	2.	. 22.0	,
≥ 6000	7			3	32.7		83.0	-7.7 • U	. 7.0	53.7					57.	कर्न
≥ 5000	6.7		39.7	30.7	39.7	72.0	89.3	32.3	80.3	39.3		•	i	29.3	89.7	
≥ 4500	7.3		87.3		57.7		90.0	00.5	0.5.0	4 Jan	90.0		7.0	72.0	50.	
≥ 4000	12.7	74 . 7	94.7	ن و ن ^	05.3	15.3	95.7		95.7	96.	76.0	36.	14.T	96.0	56.0	
≥ 3500	4 . 7			95.3	96.7			07.5	97.7	77.3						€7.
≥ 3000	16.3	07.7	93.3	CA . 7	99 1		59.3		I	99.7	90.7	99.7	50.7	99.7	r9.7	54.7
≥ 2500	5. 7		95.3	5 7	39.5		99.3				99.7	29.7	09.7	90.7	79.7	59.7
≥ 2000	4.7	6.8 ·	97.7	49.0	22.3	9.3	99.7	99.7	99.7	103.0	100.0	109.0	100.5	100.0	110.0	ing.ol
≥ 1800	· 6 . 7	78.	54.7	1/9.	29.3			79.7		109.C		100.0		1	10n.c	175.5
≥ 1500	16.7	. 8	99.7		90.2	9.3	99.7	79.7	30.7	100.0	100 .0	105.0	107.0	ino.0	100.0	1
≥ 1200	36.7	78.	90.7	၁၇.၂	23. 5	9.	99.7	.9.7	49.7	100.0	1(1.0	100.7	107.0	100.0	100.0	10.0
≥ 1000	· 6 • 7	ં છે. કે	99.7	97.3	36.3	99.3	99.7	19.7	99.7	1 ":•	1.0.0	100.5	ដែក•ក	170.0	100.0	1
≥ 900	1.7	5.	95.7	09.0	90.7	79.3	77.7	99.7	22.7	1	1 0.0	1 0.0	1.7.0	100.0	170.0	170.0
≥ 800	1.07	~8.~	9:.7	°5.0	99.3	79.3	79.7	ે9∙7	99.7	1 - 0 • C	100.0	1 i	1000	1 na.a	120.0	10(
≥ 700	16.7	5 •	98.7	59.C	93.	-9.3	99.7	79.7	97.7	100.3	100.7	100.0	100.0	170.0	107.0	1
≥ 600	6.7	5.3	97.7	69.5	30.3	_ :9 . 3	99.7	19.7	30.7	1 .0.0	105.0	100.0	100.0	100.0	100.r	150.
≥ 500	6.7	* 3.	9 1.7	٠,6	90.3	9.	99.7	49.7	99.7	155.	100.0	130.0	207.5	100.0	100.3	1::
≥ 400	7	78.	99.7	29.0	?^•₹	9.3	99.7	29.7	37.7	100.0	100.0	100.0	1 ~ ~	100.0	ខេច•ា	100.4
≥ 300	5 € . 7	-8.	93.7	29.0	30. ₹	79.3	99.7	7 7.7	9.7	100.3	100.0	105.0	11.7.5	170.0	1	17.0
≥ 200	- € • 7	78.00	9 . 7	್ಕಾ.	99.3		99.7	19.7	39.7	100.0	120.0	100.0	100.5	1 70.0	160.0	រព១•៧
≥ 100	6.7	~ A .	90.7		90.3	79.3	99.7	79.7	99.7	130.0	100.0	100.0	100.0	100.0	100.0	រាក់ច•់ពៀ
≥ 100 ≥ 0	6.7	.3.	9:.7	29.0	95.3	9 . 9	99.7	39.7	99.7	126.0	100.d	100.0	100.0	100.0	100.0	173.0

TOTAL NUMBER OF OBSERVATIONS ___

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CEILING VERSUS VISIBILITY

STATION STATION NAME 77-17 YEARS HORTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 6 ≥ 5 ≥ 10 ≥ 2% ≥ 1% ≥ 1¼ ≥ 1 NO CEILING 62.7 62.7 62.7 67.7 52.7 02.7 62. 62.7 52.7 52.7 ≥ 20000 69.7 71. 71 . 3 71.7 71.0 71. 71.0 71.6 71. ≥ 16000 71.0 74.7 ≥ 10000 ≥ 9000 85.0 84. 35.7 85.7 86.7 80.7 8000 7000 53.0 38. 68.0 4500 4000 93.2 95.7 95.7 95.7 33.7 26.7 96.7 3000 <u>ուրլու «իլու թիրուդի</u> 2500 9.7 1800 1500 49.7 1200 3. 99.71 70.01 00.01 00.01 00.01 00.01 00.01 00.01 00.01 00.01 1000 90.701 1100.0127.0190.3147.0167 5.7 79. 79.7 99.71 77.01:0.01:0.71: 600 <u>n. 4100.0105.0164.016</u> 99.71 70.017 carle.earle.earle. 39.7 <u>></u> 5 0 . 7 1 " elica-dias-alian-hiza-dian 94.7173.31 בון ברכום ברפום בספום בסוום בינון 9.7 59.7178.01 9.7 57.71" • ali ec • eli uu • eli ec • eli ec • ali ec • ali ec • eli ec • eli ec

TOTAL NUMBER OF OBSERVATIONS

<u>19.7| 99.7| 19.5| 1.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| 10.0| </u>

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HONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

32

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60 €	70.4	7~.4	74	70.4	70.4	70.4	7 .4	70.4	70.4	75.4	77.4	77.4	77.4	70.4	7 .4
≥ 20000	75.5	76.	75.3	75.3	76.7	76.7	76.3	76.3	75.1	70.3	76.3	76.3	76.3	76.2	76.3	76.3
≥ 18000	75.6	76.	76.3	76.3			- 1	76 . 3	76.7	76.3	76.3	76.3		76.3	76.3	
≥ 16000	75.00	76.7	76.	76.3	76.3	76.3	76.3	76.3	76.3	76.3	75.3	76.3	76.7	76.3		76 • 7
≥ 14000 ≥ 12000	77.4		78.2	7 • 2	75.2		l 1	76.2	76.7	74.2	76.2	79.2	73.2		72.2	71.0
	<u> </u>	71.7		51.9	21.0	<u> </u>	81.9	21.3	31.9	31.9	21.7	81.3	21.7	11.9	£1.7	1.
≥ 10000 ≥ 9000	5.0	5.		25.9	35.9		25.9	15.9	85.0		85.9	95.7			65.0	Q 5 . €
		5 •	85.3	ac.3	Ec. 3	00.5	86.3	56.3	34.3	36.3	85.3	56.5	86.3		35.3	*
≥ 8000 ≥ 7000	7.4	64.2	30.2	ಿ∂•2	£ 5 • 2		58.2	2.89	83.2	83.2	0 . 2	88.2	5 . 2	6 3 6 7	86.2	20.2
	• • •	वसु• ०		58.9		19.9	06.9	08.9	50.4	35.9	05.9	88.9	C 3 4	38.5	58.0	6
≥ 6000 ≥ 5000	94 €	34		9 .4	7 . 4	() • 4)	90.4	°6.4	97.4	33.4	90.4	90.4	97.4	70.4		9 (4)
		34.1	94.1	< 4 • 1	54 - 1	<u>(4.1</u>	94.4	94.4	94.1	94.1	74.4	94.4	54.4	34 - 1	54.4	74.4
≥ 4500 ≥ 4000	(• •)		54.4		24.4	04.4		1	-	94.4	• ì		56.7	95.7	96.7	_
		36.3		06.7	96.7			26.7 27.J	97.5		96.7	96.7	97.0	77.	97	57.
≥ 3500 ≥ 3000	75.6		97.0 97.8					1	97.0	- 1	57.9	97.8	27.8	97.	97.R	97.5
≥ 2500	35.0	7.8			9 . 2	3		98.2	98.2	74.2	93.7	98.2			98.7	
≥ 2500 ≥ 2000	-5.9	78.2	98.5		98.5	48.5		3.5			78.5		50 5	98.5	98.5	65.
≥ 1800	.5.0	78.7	94.5		98.5	-8.5		23.5	95.5		95.5	98.5	03.5	7.5	28.5	33.3
≥ 1500	- 6 - 3	28.5		99.3	39.3	19.3		79.3				99.3	CO. 3	79.3	99.3	99.3
≥ 1200	96.7	28.5	90.3		99.7			99.3		99.3	0.3	29.3	77.7	÷9.	29.3	69.3
≥ 1000	94. 7	96.5	99.6	170.0	100.0	1 5.0	ion.ci	100.0	100.5	100.0	101.0	100.0	17.0	າດວີເ	100.1	100.0
> 900	6.7	28.7	95.6	100.0	100.0	1 ~ J • C	100.0	170.0	1 30 • P	173.0	1 70.7	130.0	1 .0	100.0	120.0	īā: !
≥ 900 ≥ 800	166.3	68.5	99.6	100.0	100.C	100.0	100.0	រព១.ៈា	1"0.0	100.0	130.5	100•0	10n.5	1 00 • 0	100.0	176.0
≥ 700	1. F . 7	78.9	90.0	1'0.0	100.C	10.0	100.0	170.0	12.07	150.0	100.0	170.0	100.0	100.0	100.0	170.0
≥ 600	t • 7	78.7	99.5	100.0	120.0	170.0	100.0	175.0	<u>137.</u> 0	100.0	107.0	100.0	177.0	100.0	100.0	150.5
≥ 500	· (•)	8.9	95.4	1 .3	100.0	100.0	100.0	100.0	100.0	193.3	100.0	100.0	10000	1 0.0	100.0	<u>េ</u> ប.១
≥ 400	. 6.	3.9	92.6	1	108.0	: 0.0	100.0	100.0	<u>165.</u> 0	130.5	100.0	130.0	ា្រ•ក្	<u>177.</u> 0	100.0	167.0
≥ 300	6.07	`8∙ ≎	99.5	1 1	170.0	1 3.0	100.0	1 10.0	1000	139.0	102.3	100.0	ខេត្តព	1 ២ព•ា	130.0	170.0
≥ 200	/b • 3	73.9	99.4	103.0	180.n	1.0.0	100.0	100.0	100.0	103.6	100.0	100.8	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	6.3	29°€	99.6	1 7.00	100.0	1 0.0	מ•סמו	175.0	100.0	100.0	107.0	100.0	100.0	150.0	100.0	100.0
≥ 0	:6.3	38.7	97.4	100.0	133.4	<u>1 10.3</u>	0.00	170.0	<u>100.0</u>	170.0	<u>1 90 • 0)</u>	100.3	100.0	100.0	100.0	190.0

TOTAL NUMBER OF OBSERVATIONS

STATION FALL TO A STATION NAME

77-23

HORTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)				-		
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000	1	1	71.	. 4 71.0	61.5 71.6	-3.5 71.0	62.5 71.7	63.5 71.7	67.c 71.7	63.5 71.7	63.5 71.7	63.5 71.7	67.5 71.7	73.5	1 1	71.7
≥ 18000 ≥ 16000	71.° 71.7	72 • 1 72 • 1	77.1	72.2	72.2	72.2	72.2 72.4	72.2	72.2 72.4	72.2	72.2	72.2	77.4	72.4	77.1	
≥ 14000 ≥ 12000	73.5 76.2	74.6 76.3	74.1 76.3	74 • 1 76 • 8	74 • 2 75 • 9	74.2 76.3	74.2	74.2 77.0	74.7	74.2 77.0	74.2	74.2 77.3	74 • 2 77 • 5	74.2 77.0	74.7	74.
≥ 10000 ≥ 9000	2.8 1.6	71.3 32.1	31.4	51.4	81.6 52.3	2.3	51.6 52.4	£1.7	82.	\$1.7 82.5	61.7 32.5	81.7	51.7 42.5	51.7 52.5	1.7	*1 · '
≥ 8000 ≥ 7000	ء و د . و و د .	64.6 64.4	84.1 54.5	ະ4.1 ຂະ.5	24 . 3 £4 . 7	54.3 54.7	34.7	24.8	54.0	54.4 94.8	84.8	84.4 34.5	: 4 • 8	4.4	<u> </u>	िक्रुव नुक्रुव
≥ 6000 ≥ 5000	59.7	35.3 39.2	97.4	^5.4 ?3.0	85.6 97.1	90.1	90.2	95.7	85.7 95.2	85.7 9u.2	85.7 90.2	85.7 90.2	55.7	95.7	25.7 27.2.	25.7
≥ 4500 ≥ 4000	>0.00 93.9			91.0	91.1	?5.∵	91.1 95.0	71.2 95.1	91.7	91.2	91.2	91.2	95.5	11.2 45.2	91.7. 95.7	
≥ 3500 ≥ 3000	74 • 7 • 7 • 3	35.7	93.3	98.4	36 • E	1.6°	96.1 98.6	36.2 98.7	75.7	96.2 95.7	96.7	96.2 9°.7	19.5.7		96 • 7	91 • 3 5 • 7
≥ 2500 ≥ 2000	77.5	98.5	98.9	98.7	ବଣ୍ଡଣ ବନ୍ଦ୍ରଣ	78.0 59.1	99.2	99.0	43.5	79.5		99.3	30.0 30.0	79.2	99.3	94 . 97 • 3
≥ 1800 ≥ 1500	97.5	98.5	99.9	98.9	33.4	99.	99.2	99.2	99.4	39.5	99.5	70.	^?•6	- 9 • 3. - 0 9 • 6 [99.7 29.6	
≥ 1200 ≥ 1000		78.8	97.2	59.3 75.4	90.4 90.6	୬ ୨ . ଧ	99.7	29.6 29.7	53.7	99.4	99.7	94.	:3.7	9.7	99.3	99.7
≥ 900 ≥ 800	7.5	76.8 78.8	99.3	99.4	99.6	79.6	99.7	99.7	97.7		59.9	90.9	30.0	19.9	90.9	64.6
≥ 700 ≥ 600	-7.1 -7.4	98.0 48.0	99.3	74.4	99.5	9.6	90.7	99.7	7)	90.0 00.0	ان . و د ان . و د	20.0	99.5	99.9	64.9
≥ 500 ≥ 400	17.6	08° E	99.3	99.4	99.6	9.5 5.5	99.7	99.7 99.7	90.7 50.7	99.5	99.9	99.9	90 .0	59.9	99.9	99.9
≥ 300 ≥ 200	7.4	78.3	99.3	79.4	99.6	19.5 19.6		29.7	7.7	99.9	99.7	99.9		99.9	99.9	79.9
≥ 100 ≥ 0	17.5	98.7 58.7	90.2	99.4 59.4	99.6 39.6	79.6	99.7	9.7	35.7 59.7	79.9	99.9	99.9		30.9		99.9 100.0

TOTAL NUMBER OF OBSERVATIONS

177

CEILING VERSUS VISIBILITY

_ <u> </u>	<u> </u>	*! ''	STATION NA	N.C.						764	45				
				PERCE		E FREG				RRENC					HQUR
CEILING						·	VI	SIBILITY (ST	ATUTE MIL	.ES)				 -	
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ 14
NO CEILING ≥ 20000															
≥ 18000 ≥ 16000															
≥ 14000 ≥ 12000			1												!
≥ 10000 ≥ 9000															
≥ 8000 ≥ 7900															
≥ 6000 ≥ 5000															
≥ 4500 ≥ 4000						}									
≥ 3500 ≥ 3000															
≥ 2500 ≥ 2000					i — .									ļ	: 4,
≥ 1800 ≥ 1500		i	1										i		
≥ 1200 ≥ 1000												1	! !		i
≥ 900 ≥ 800													i 	1	i f
≥ 700 ≥ 600													l L	1	ļ •
≥ 500 ≥ 400															. — — İ
≥ 300 ≥ 200															
≥ 100 > 0		i													,

TOTAL MILMAER	OF ORSERVATIONS	

STATION STATION NAME

ye.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS IL S T

CEILING							VIS	SIBILITY (ST	ATUTE MIL	ES)					-	
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ '₄	≥ 0
NO CEILING ≥ 20000	1 0.0	1 3.5	197.5 197.0	190.9 199.5	1 77.0 1 70.0	1 7 J • C	160.5	176.8 175.8	100.n	195.5 193.5	155.0 135.5	100.3 100.0		100.U	150.5 101.0	11
≥ 18000 ≥ 16000	1 (0.0) 1 .0 .0	170.J	191.8 199.9	100.0 100.0	190.0 190.0	1 0.3	100.5 100.5	186.9	1 37.0 1 37.0	175.5 193.6	120.0 130.0	100.0 135.0	:00.5 :01.6	100.0 100.0	:01.0 :01.0	17.0
≥ 14000 ≥ 12000	150.0 150.0	100.n	196.0 100.0	153.0 155.0	130.0 135.5	170.5 173.5	160.0 160.0	100.0 100.0	107.0 139.5	134.8 138.8	100.0 100.0	104.0 102.7		100.6 100.0	100.0 100.0	100.0 100.0
≥ 10000 ≥ 9000	1.0.0 100.0	178.7 178.5	107.0 107.5	100.0 150.0	100.0 100.0	178.0 179.0	100.0	178.8 188.8	1 00 • 6 1 00 • 6	190.5 195.5	188.8 195.8	160.0 165.0				170.5 170.5
≥ 8000 ≥ 7000	100.0 100.0	150.3 150.3	107.5 186.5	150.0 180.0	100.0 100.0	1 ~a.b 1 ~a.b	100.0 100.0	173.0 188.0	107.7 103.9	1 12.0 1 10.0	145.6 185.6	100.3 100.0	1 - 1	1/0.0 1/0.0	1	100.0 100.0
≥ 6000 ≥ 5000	100.0 100.0	100.0 100.0	150.5 100.5	155.0 156.0	130.0 190.9	190.0 190.0	100.0 100.0	170.0 190.0	189.5 189.5	13.06 17000	180.5 199.0	100.0 100.0	1 .	1:0.0 1:00.0	100.6 160.3	110.0 100.1
≥ 4500 ≥ 4000	1 (• ° 1 - ° • °	175.5	107.0 100.0	177.0 177.0	100.0 100.0	100.0 100.0	100.0	177.0 176.0	100.0 100.0	173.3 135.5	160.0 160.0	100.0 100.0	3 ~ ~ ° ¢	100.0	154.7	177.
≥ 3500 ≥ 3000	185•3 <u>175•</u> 1	100.0	100.0	100.0 150.0	100.0	190.0	130.0 106.0	100.0 100.0	190.0 190.5	175.4 175.8	1:5.7 1:00.7	100.0 100.0		178.0 178.0	120.0 120.0	175. 175.
≥ 2500 ≥ 2000	1.0.0	116.0	100.0	100.0 100.0	107.0 189.0	100.0	100.0	100.0	100.0	173.5 123.5	1487.0 1.5.8	130.0 186.0	100.0	100.0 100.0	160.7 <u> 60.7</u>	155.0 155.0
≥ 1800 ≥ 1500	1 3.7	1 70.7	10 .0 100.5	103.0 103.0	100.0 190.0	1 10.8 1 70.8	160.0 180.0	170.5 170.8	100.7 100.7	170.0 170.0	100.8 165.8	100.0 105.0		1 75.0 <u>17</u> 7.0	120.0	175.0 170.0
≥ 1200 ≥ 1000	1	1 6.	107.0 1 <u>37.0</u>	170.0 188.0	107.0 107.1	170.0 170.0	100.0 100.0	190.0 190.0	100•0 100•0	130.6 132.6	193.0 182.8	100.0 100.0	100.0	1 50 • 5 1 50 • 5	100.0	1
≥ 900 ≥ 800	1	1 30 - 0	107.0	100.0 100.0	105.0	1 `0•0 1 ^0•0	160.0	176.0	100.0 100.0	100.0	100.0 100.0	100.0	100.0	100.0	10'.5 10'.5	170.0 170.
≥ 700 ≥ 600	1	100.0	100.0 100.0	100.0 100.0	100.0	1 0.0 100.0	100.0	100.0	1 30.0 1 30.0	133.0 133.0	1 20 • 0 1 20 • 0	130.5 138.3	1000	100.0 105.0	100.0	1 <u>2 </u>
≥ 500 ≥ 400	170.7	100.0	100.0	100.0 101.0		173.0 173.0	100.0 100.0	100.0	100.0	100.0	190.0 100.0	100.0 100.0	100.00 100.0	1 70 • 0	100.5	1 72 • 6 170 • 6
≥ 300 ≥ 200	1:5.0	100.0	100.0 100.0	100.0 100.0	130.0	100.0 100.0	150.0 150.0	100.0 100.0	163.7	173.0	100.0	100.0	100.0	100.0	107.0	
≥ 100 ≥ 0	1 = 0 • 5 1 = 0 • 5		1		اء تسما	100.0	100.0		• ''	133.0	160.0	100.7	1:10:0	170.1	100.0	170

TOTAL	NUMBER	OF	OBSERVATIONS

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73=€

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7 HOURS IL S T

CEILING				 =			VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ '4	≥ 0
NO CEILING ≥ 20000	7 • 1	75 • 1.	7 • i	7 - 1	7: .1	75.1	7 .1	7 •1	7 .1	7:01	7 .1 83.6	7: • 1 63 • t	7 • 1	7 • !	7 1	7
≥ 18000 ≥ 16000		-3.6 -3.9		33.6	57.6 53.9	3.0 -3.5	57.6 83.9	93.5 93.9	53.6 83.6	33.6 23.9	35.0	93.4 93.4	- 7 . 6 7 . 5	23.4 13.0	, t , t	
≥ 14000 ≥ 12000	4.7 5.4	>4.7 3.6	34.2 35.0	74.2 75.8	54.2 55.2	4.2 25.8	84.3 85.3	94.2 95.6	44.7 45.8	94.2 35.0	94.8 85.8	94.2 95.5	3 .	~4	84.7 85.5	•
≥ 10000 ≥ 9000	-7 • 1 • ÷ • 1	7.1		47.4 31.4	27.4	7.4 68.4	37.4 69.4	27.4	×7.4	57.4 45.4	57.4 32.4	87.4	7 . u	- 7 • 4	50.4	7.
≥ 8000 ≥ 7000	18.7	89.7	8°•	#9.0 98.0	8 4.6 95.6	#₹•1 13•3	30.0 90.0	74.3 45.8	87.7 31.0	89.3 95.1	39.0 90.0	₽9.9 95.0	% 3.5 50.0	€0. 95.0	67.0 90.0	
≥ 6000 ≥ 5000	1.7	91.0 97.6	91.6 97.9	71 • 4. 5 ; • 9	01.6 93.0	71.6 13.9	91.5 92.9	^↓•6: ^?•9	71.6 71.0	71.6 53.5	91.5 97.9	91.6	91.6 91.9	91.6 97.6	93.0	91.4 9:.4
≥ 4500 ≥ 4000	73.4	33. A. 75.€	97.0	93.9 95.5	9 t. c 9 5 . 5	33.0 35.5	93.9 95.5	93.9 95.5	93.5	93.9 95.5	93.9	90°8	37.0	93.	95.5	
≥ 3500 ≥ 3000	35.	25.5 27.1		* / 1 / 2	91.8 97.7	·5• ·7•/	95.3 97.7	97.7	95.9 97.7	75.€ 97.7	91.° 97.7	27.7	97.7	25.07 27.7	95.4 97.7	27.7
≥ 2500 ≥ 2000	7.4	78 • 1 78 • 1	98.7	95.7	97.7 53.7	-3.7 -8.7	59.7 93.7	l i	98.7 98.7	90.7 9≈.7	92.7	98.7	50.7	92.7 31.7	99.7	5 ? 5
≥ 1800 ≥ 1500	7.4	78.1 78.7	99.7 99.4	90.7	99.4	68.7	73.7 99.4		73.7 29.4	79.4		90.4	⊌7 <u>ς∩.</u> u	90.47 79.4	99.7	99.7
≥ 1200 ≥ 1000	28 • 1 28 • 4	98.7 59.	99.7	99.7	09.7	19.4 19.7	99.4	69.7	09.7	99.4 99.7	99.4	99.4	50.7	59.4 59.7	7 0.7 160.5	99.7 10:00
≥ 900 ≥ 800	9 4	99.0	90.7	99.7	99.7	9.7	99.7 99.7	99.7 99.7	97.7	79.7	99.7	99.7	99.7	99.7 99.7)	1 0 1 • 0 1 7 2 • 5
≥ 700 ≥ 600		9.0	0".7	99.7	99.7	9.7	99.7 39.7	99.7	99.7	99.7	99.7	99.7	47.7	99.7		
≥ 500 ≥ 400	8 - 8 . 4	79.0	96.7	.7	09.7	19.7	29.7	97.7	.9.7	¢ 0 . 7	99.7	99.7	77.7.	\$9.7	1	ມປະເ•ິດ <u>1</u> 70• <u>ດ</u> ໄດ້ຄວາມ
≥ 300 ≥ 200	9 5 4 5 4	99.0	7 . 7	99.7	.0.7	9.7	99.7	9.7	99.7		99.7	99.7			107.0	1 ^ _
≥ 100 ≥ 0	େଥି • ଖ ୍ର • →	. 9 . 7	9°.7	94.7	39.7	79 • 7 49 • 7	90.7	79.7 79.7	99.7	99.7 99.7	- 1		99.7 99.7	- '	160.7 160.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

F TELEVISION NAME

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				-			VIS	IBILITY (ST	ATUTE MIL	.ES)	_					
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ½	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000	1.	71	71.	71 - 7	71.	71.5	71.7	71.7	71.7	7101	71.7	71.7	71.7	71.7	71.5	71.7
≥ 18000 ≥ 16000	?:.	73.	74.	7	70.0 79.1	??	79.0	7 3	7	79.	7 1	7	7 % of	70.0	77.	70.
≥ 14000 ≥ 12000	7 • 1 2 • 4		37.	20.5 83.6	30 • €	€ • °	≟ `• Ĉ 27•6	F(.)	4 7 . r	9	3 n • 1 2 ? • €			673.5 63.6	2.5	•
≥ 10000 ≥ 9000	4.	4 .	54.7	4.8	34 . 3 35 . 2	4.: -5.2	i.u.o.7. 55.2	94.8 35.2	54.0 35.0	9 + • 8 7) • 2	24.9 ₹5.2	74.	4.2	4 .	ξ 6 ,3	~ •
≥ 8000 ≥ 7000	6 • ° 7 • 1	65.5 67.1	50.5	- 7 • 1	5(.5 57.1	7.1	86.5 67.1	5.5	: 7 • 1	50.5 57.1		26.5 (7.1	.7.1	P: •1.	7.1	· 7 • 1
≥ 6000 ≥ 5000	7	7 • 4 9 • • 7	30.7	17.4 8 / . 7	37.4		37.4 89.7	7.4	27.4 27.7	37.4	ა7.4 ლი,7	37.4 89.7	-7.4	27.4	53.7	7
≥ 4500 ≥ 4000	1.	1.0	95.3	·:•5	4 1 • • • • . •	1.	91.3 95.2	-1.0	71.0	70 3 .	41.0	71.7	71.7	?1.: ?5.€	71.7 95.2	1.
≥ 3500 ≥ 3000	7.4	7.7	77.5 27.3	97.7	95.5	0 • 5 1 7 • 7	96.5 97.7	96.5	26.8 •7.7	96.5	97.7	75.7	57.5	56 57.7	96.5 97.7	7.7
≥ 2500 ≥ 2000	7.7	.€.! 8.4	90.1 34.7	2 7	91.1 91.7	· · · · · · · · · · · · · · · · · · ·	98.7	• 1 • 7	25.1 25.7		90.1 95.7	70.1 95.7	1	53.7	99.1 99.7	
≥ 1800 ≥ 1500	ا <u>۽</u> ۽	~ H • 4	95.7	02.7 09.4	୨୨ .7 ଅଟ ୍ୟ	8 • 7 9 • 4		00.7	72.7 29.8	76.7	92 .7 98.4	9. • 7 49 • 4	5 . 7	27.7 47.4	99.7	7 7
≥ 1200 ≥ 1000	5.7	13.0	92.7	03.7 65.7	99.7	9.7	99.7 99.7	96.7 99.7	,9.7 .9.7	77.7 85.7	y2.7 3.7	99.7 99.7	90.7 20.7	55.7	10.7	7 . 7
≥ 900 ≥ 800	• 7 • 7	39.7	7.3.7 9.7.7	55.7 50.7	99.7	79.7 9.7	99.7	59.7 22.7	50.7 20.7		00.7 04.7	99.7	92.7	^ 3 • 7 <u>- < 3 • 7</u>	\$3.7 \$3.7	7.5°
≥ 700 ≥ 600	• 7 • 7	0 G	99.7 99.7	1 / / • 0 1 / / • 0	12.0	170.0	100.0 107.0	1 70.3	1.5.7 195.8	100.0 123.0	107.0 107.0	107.0 175.0	1 ^ m • 5	1 ~ ~ . (.) 1 ~	100.7 100.5	100.0
≥ 500 ≥ 400	. 7	94.0 99.1	97.7	1 ~	199.9 199.9	1 3.3 1 3.	108.5 108.5	175.0	107•7 107•7	185.8 199.7	187.8 135.8	155.0 155.0	1	150.0 156.0	100.0 100.0	1
≥ 300 ≥ 200	- 7 - 7	9. 9.	94.7	11.0	100.9 100.5	113.0 178.0	100.0 100.0	17 17)	155.0 155.5	100.0 106.3	188.5 188.5	100.0 100.0	1: ^•7 130•8	100.0 100.0	100.7	100.0 100.0
≥ 100 ≥ 0		5 • ·	90.7	i″3 1 ^ ປຸຍປ)	1 3.0 173.	1	1 70.00 1 70.00	10 7.7 100.6	1-0.3 !33.1	100.0	185.5 188.8]	1 10.5) 1 10.0.1)	187.6 188.6	170.00 170.00

TOTAL NUMBER OF OBSERVATIONS 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						_
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ½	≥ 5/16	≥ ′₄	≥ 0
NO CEILING ≥ 20000	7.7	45.4 77.7	6 .4 77.7	77.7	61.4 77.7	77.7	5 .4 77.7	77.7	57.7	5 .4 77.7	ú •4 77•7	77.7	77.7	77.7	57.4 77.7	27.7
≥ 18000 ≥ 16000	7 • 7	78.7	7 . 7	7 . 7	7 7	72.7	7 . 7	7: • 7	7°.7 7°.7	7 7	7:07	77	7 .7	7:.7	70.7	7 .7
≥ 14000 ≥ 12000	1.	1.0	77.7 81.7	75. 1.0	7 .	1.	77.	7	70.0	7	70.	7%.	i	77.	70.	76
≥ 10000 ≥ 9000	1.0	1.,	3.7	1.3	.1.7 2.6	1.7	+1.≎ ∀2.6	32.6 32.6	71.8	1.0		12.0				1
≥ 8000 ≥ 7000	3.1	3.7 73.5	5°•°	• •		3.	94.2 54.2	34.2 34.2	4.7	4.	94.	4.3 -4.7	?		4.	••.
≥ 6000 ≥ 5000	•	5•7	3 •	- C	<u> </u>	5	9 4 . A	35.5 €9.4	70.1 45.0	200		२५.•३ हर•्	4	5•3 3•4		^ ; <u>.</u> 4
≥ 4500 ≥ 4000	1. 1	72.1 94.	94.5		4	4 •	95.5	7.000 1.000		•	1	**************************************		· 1		• •
≥ 3500 ≥ 3000	- 1	76.1	7-4	- 1 - 1	1 • 1 · · · · · · · · · · · · · · · · ·	5 • 4	95.7	2 .7	34.5 -2.7	75.7	7 . 7	06.0		. <u></u>		•
≥ 2500 ≥ 2000		7 و د	97	.7	. 7	9	79.4	L4	40.4 40.4	79 • 4	77.4	19. t	<u></u>			· · ·
≥ 1800 ≥ 1500	7	99.4 99.4	3 : • 4	79.4	7-77 - 4	79.4	35.7	29.4 29.7	77.4 77.7		39.7	30.4 30.7	. j. • 7	9 • 7	7.7	30.7
≥ 1200 ≥ 1000	· · ·	79.4 79.4 99.4	90.7	3 7	20,81 59,7 52,7	9.7	1 - 1 - 1	1	39.7. 133.7	1	1 :		n	1	: <u>n</u>	
≥ 900 ≥ 800		59.4 39.4	- 7	7, 7	49.7	9 . I	1 7 7	5	1			1		<u> </u>		i
≥ 700 ≥ 600 ≥ 500		- / • 4	7	7.7	7	9.	127.0	1	1	1 . 3	1 .	100.0 100.0				
≥ 400	- ; -		7	3.7	56.7	9.7	1	1 0 5	<u> </u>		107	126.2 100.				<u>i</u>
≥ 200	9	. 5 . 4 10 . 4		• 9 • 7	~9.7 ~9.7	79.7 9.7	1	177.0	1	170.	1	! ^(• ^	15 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	100.0	:00.0 :31.5	1
≥ 100 ≥ 0		ب ۽ ،		7.7	77.7	9.7	1	1	1 10 -		1000	17000	• • • •		100.0	10:00

TOTAL NUMBER OF OBSERVATIONS . 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (STA	ATUTE MIL	ES				-		
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	ביו ≤	≥ 1%	≥ 1	≥ 4,	≥ 4,	≥ 5	≥ 5 16	≥ .	≥ 0
NO CEILING ≥ 20000			7 .	74.5			7.4.	•	•		15.5	¥ • .	* * * * * * * * * * * * * * * * * * *	14 p.	74.	•
≥ 18000 ≥ 16000		75 0	7.	7	7"		75.	,	7		7	7		,	7	•
≥ 14000 ≥ 12000	77.7	76 • 1. 73 • 4	7 % 1	7+ • 5 7: • 51	7 4	ر و بر او و بر	76.5		7 L	7.	7 . 4	7 (. • .		7:•4	71.	7
≥ 10000 ≥ 9000	77.7	-	7	7			7			• ,		. , 7	• •	•		•
≥ 8000 ≥ 7000	•		• •	• -	•	3.1	. 5		•••	· •				~•. 	7.	•
≥ 6000 ≥ 5000	· • ·	4 . ·	•	4 4 -	- 14 . E .	4.	7 L	•••		•	<i>L</i> .:	-4•∫ <u>-2</u> -		. <u>.</u>	•	•
≥ 4500 ≥ 4000	1 a ·		7 . / 7	• • • • • • • • • • • • • • • • • • •	· ^	2.0	92.9 45.0	•	· ·	1 21	• • • • • • • • • • • • • • • • • • •	98.3 22.00	. ? 	•		•
≥ 3500 ≥ 3000		ε. . <u>ε.</u> ζ.	2 '.1	7.1	77.1	7 . :	57.1	7.1		74	5	7.1	. 1	7 • 1 <u>9</u> •	7.1	
≥ 2500 ≥ 2000	-77 	53.7 59.		1 3 4 4	99.4	÷ •	99.4	70.4	•	્રે. <u>•થ</u>	•	<u> </u>	• *	70.4	ાત. વલ	3. 30.
≥ 1800 ≥ 1500	۱. پی ک شدید	7 L	. 7	7	23.7	9.7	95.7	7	7.11 .11.7	5 • 7	14.7° 4.7°	· · · · · · · · · · · · · · · · · · ·	7.7	. 7	77.	•
≥ 1200 ≥ 1000	1 • N 2.± • Ω	20 • ₩ - 20 • ₩	. 7! 10	1 0.0	09.7 1.0.01	7.7 J. 1	96.7° [58.4]	″?.7 <u>li</u>			, , , , •	5 •7 94. • •			***** 16. * ^.	` , , 7
≥ 900 ≥ 800		ं हें • (4) - <u>. 5 • (4)</u>		1 .0			ر مورد المورد	100 • 20 100 • 20			1 • 1 1 • 7	•			•	•
≥ 700 ≥ 600		7.4	0 • T	1 .3			(in•6) (in•6) (aa a	• :	•]	· · · · · · · · · · · · · · · · · · ·		•_•	•	•
≥ 500 ≥ 400	in in the second	57.41 		1 • 0	1		L≏€•5! !: 5•0!	1	-	•	1 . 1 • 7 ! 1 •	• 57			• "	•
≥ 300 > 200	• •	A • 4					• 1	•	*		1. • 1. 1. • 1	•		17.	. 0 • 3) ! 0] • [] !	• (
≥ 100 ≥ 0	્રાં⊕ અં - કો ⊕ ક	· · · · · · · · · · · · · · · · · · ·	•		1 • 1): 1 • 1:	10 • 11 - 0 • 1			• 111 - 1111		1000 • 01 100 • 01	•	1		:u′.•": :[~•":	• "

TOTAL	NUMBER	OF	OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MI	LES)						_
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 114	≥ 114	≥ 1	≥ 3,4	≥ 4	≥ 1,	≥ 5 16	. ≥ .	 ≥ o
NO CE:LING ≥ 20000	•	•		1 - 1	7 •	1.	7 .3	1.	***	1.0%	71.7	7		7.	1.	•
≥ 18000 ≥ 16000	12.7	7: • ?	7.7	7:07	71.		7 . 7	7 . ?	7 .7	7 .7	71.	7.7	71.		·- ·!•	
≥ 14000 ≥ 12000	•	1.	71.	71.	71.0°	1 •	71.0 74.7	71.	71.5	71.5		7 4	7	7	71.	
≥ 10000 ≥ 9000		7	7 . 7	7 . 7	7 . 7	7.0	7 7	, ,	7 .	7,.7	, ,	7,.2			7.7	
≥ 8000 ≥ 7000	i •		• *	2.3			"•3 <u> </u>	• (, • ⁷		•	• '	•		
≥ 6000 ≥ 5000	• 1	1.	ाः . " वर्	• • • • • • • • • • • • • • • • • • •		1.	1.	1.	1.	1.	, 1	1.		· · · · · ·	1,	
≥ 4500 ≥ 4000	1.	1	· · ·	[].•□ 		1.	1.	• • · · · · · · · · · · · · · · · · · ·	1 • 1 • 1	1. 1.1.1.		1	1. 		:•: :•:	
≥ 3500 ≥ 3000	•	8 • 1 8 • 7	•		*** • * ** • *	€ • 		9 • 1 19 • 1		- 4	76. 97.	78. 27.44	. 4	76.4 . <u>- 7.4</u> 4	96. 96.5	
≥ 2500 ≥ 2000	• '	·•	• •	4	2 - 4 - 4- - 7 - 4-4	ए • स <i>प</i> • स	មក•្	5 . u	3.7	7		7		:40 .7 - 22. 1 7	. î	
≥ 1800 ≥ 1500	· ·		. 7	. 7	7	7 • 4 3 • 7	29.7	19.4 1.5.7		7	; • 7	15 <u>.</u>	• 7 • • •	• 6	7.2 ********	1
≥ 1200 ≥ 1000	· •	يەرۇ ئۇفۇرى	• 7	• 7	. 7	7.7	75.7 77.7	9.7	<u> </u>	1	· · · ·	1	1 · · · · · · · · · · · · · · · · · · ·		111.7.7 117.7	· ·
≥ 900 ≥ 800	•		^	7 3 . 7	• 7	9.7	79 • ? <u> 7</u> 0 • ?		!		! !	1 •	-	<u>.</u>	•	1
≥ 700 ≥ 600		• •	• 7 • 7	.7	. (1 . 7)	5 • 7	75 • 7 75 • 7	70.71 7.7	1 .	• •	! !	: •	" 	 	•	
≥ 500 ≥ 400	• •	• • •	• 7		,	7.0	الا ولاي 1- والاير	9 • ? • • 7			!			i •	,	17
≥ 300 ≥ 200	· · · · · · · · · · · · · · · · · · ·	· · ·	• • • 7	,	.,,,,	0 • 7 9 • 7	20 • 1	4 . 5 . 7	1	• •	`	1	1 •	ia	1 2(• 1) 1 • 7 • 1	1 .
≥ 100 ≥ 0	•		. 7	7	3 ° • 7	7 4	99.7°	···. 7			1 1 " • 1 1	1	1		1751.1 137.1	1

TOTAL NUMBER OF OBSERVATIONS

STATION HAME

CEILING VERSUS VISIBILITY

HOUPS : L S T

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ 3,,	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	7.7 • 7.	7	7 .	7.	7 • 7	2.	77.0	7	7 3	7 . 5	7	7.00	77.1	7:01	7	7
≥ 18000 ≥ 16000	,	7 i. 79	7 .	7 .6 77.0	7 .4	78.1.	73.6 79.3	78.0	7 • 1	77.	7 ·	75.5	70.1	7.	7 7	
≥ 14000 ≥ 12000	70.6	79.5	7	7	7 0.9	79.7	7:00 6:13	79.0	7	*		. 3 1. 3	1 • 7	1.	1.3	
≥ 10000 ≥ 9000	. 1	: u		56.4	95 . 6	5 4 5 7	85.4 85.7	36.4 36.7	- 5, , 4 24, 7	55.7 27.1	£6.7	95.7 37.1	, 7 , 1	7.1	7.1	
≥ 8000 ≥ 7000	•	• 6	9 . 4	• • • •	51 • 5 97 • 6	ย ่ง ใ	90.3 90.5		7, 7, 7 4, 7, 6,	? }•€ ?.•?	40.4 40.4	1.0		,	• •	•
≥ 6000 ≥ 5000	i • • · · · · · · · · · · · · · · · · ·	4 •	ر و ۱۰ و د	34.5	40.7 36.5	à• 4•	04.5	4 . 5	• ° • °	មារីស្ត មិងស្រ	93.65 5.4.65	78.3	97.5 94.1	C4 .		
≥ 4500 ≥ 4000		0 • 0 5• • 1	94.		7	5• •••1	95.0 45.1	75.1 -6.1	96 • 1	15.64	4	- 4		30 e.		•
≥ 3500 ≥ 3000	• 1	5 • 1 5 • • •	9.1	() to	94	5 • 1 • • •	76.1 73.4	16.1	41.1 41.4	7 .7	, a , b	26.4	26.7	28.7	15 • 7 • 8 • 7	•
≥ 2500 ≥ 2000	. <i>!</i> • 7.	نه و لا <u>د و لا :</u>	7,5 . 4	9 . 4	97.4 95.6	9.4	99.4	ा ३० व १५० व	(६.4 <u>)</u> Ө.4	>9•7 79•7	42.7	99.7 99.7	.7	9.7 -5.7	àg•3 € 0 °3	75.7
≥ 1800 ≥ 1500		79.7	99.7	. 7	93.4	9.4	. Q.4	79.4	, " • a	77.7	7 • 7 1 <u> </u>	97.7 16 1.0	, , , , , , , , , , , , , , , , , , ,	. 69.7 1_00.2	99.7 150.1	11.
≥ 1200 ≥ 1000	• 1	7.7 -9.7	97	7	24.7	9.7	19.7	17.7	7 . 7	1	1	1	17∩ Li3	1 100.	127. 127.9	.i
≥ 900 ≥ 800	•	G • 7	95.7	57.7	77	79.7	99.7	29.7 99.7	62.7°	1 5.5 15.0	1 •	l • // L'⁄ • • ! }] 		≀rn.a <u>153</u> •1,	1 .
≥ 700 ≥ 600	, ,	7.7	6.5	. 7		- 9 . 7 - 9 . 7	99.7	99.7	70.7	1 70 • 61 1 77 • 3		1 7 7 • 7 1 1 7 7 • 7 1				1
≥ 500 ≥ 400	· • !	7 • 7	79.7	~ ? • 7 ~ • • 7	300	9.7	90.7	77.7	.0.7	134.5 133.0	150•1) 140•1	1	• 2			1 .
≥ 300 ≥ 200		7.7	77.7	. 7	79.7	9.7 7.7	00.7	59.7 5.7	7 ,	153.0 195.⊍	100 . Դի 100. Հի	100.5 105.6	1.5	17.	157.0 138.3	1 1
≥ 100 ≥ 0	• !	7.7	1	9.7	. 7 7	9.7 9.7	- (. (. • ₹) - () (• ₹)	· y • 7	(Q . 7)		1/0•5 1/5•5	150.0 100	• •	100.5 100.6	100.0 131.3	1 ·

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ 1,	≥ %	≥ %	≥ 5/16	≥ 1.	≥ 0
NO CEILING ≥ 20000	7	77.	77.	4 × • 5	5 1.5 77.5	77.	67.5 77.7	37.5	77.3	50 .C	50.0 77.7	65.5	7.7	17.2	17.2	77.
≥ 18000 ≥ 16000	7.7	77.6	77.4	77.5 77.5	77.9	77.	77.2	77.6 77.9	77.5	77.7	77.7	77.7	77.7	77.7 77.0	77.7	77.7
≥ 14000 ≥ 12000	7 .4	75.6	7 s	76		73.6 3.6	7 6. 60.6	70.6	73.6	7 • 7	7 ?	7:.7	7 .7	7: . 7	75.7	7 .7
≥ 10000 ≥ 9000	7.1	3.	47.3 87.9	*!•3 *}•	7.5 °	3.7	57.3 63.0	74.3 -3.5		33.4 83.0	E	33.4	, fi	7.4	ं ⁷ • 4 हर•े	
≥ 8000 ≥ 7000	y∎. 5∎1	5 • ? 26 • ?	გ≎.9 91.3	ं ् ३ १५ ०३	75.9 64.9	د و او د د و این	85.9 86.3	લદુ 63	3 3 € ξ 9 • ₹	±6. € . 3 €4	26. ° 26. •	56.0 56.4	0/00°	16 • € 56 • 4	36.1 35.4	٠. د د د
≥ 6000 ≥ 5000	7 • " 1 •	·7•9	37.9 91.7	17.9 91.3	27.4 21.7	7.°	≥ 9 • 0 91 • 4	03.0 01.4	-1.°	91.	29.3 71.5	36.3	₹7.5 91.6	78. 71.	91.5	1.
≥ 4500 ≥ 4000		2.7 2.4	25.00	57 13.5	ָם יָּנָּנ קריים	42.00 15.50	92.9 95.6	53.9 35.5	37.6 ₹3.7	53.5 55.7	. 7	97.0 15.7	7	93.7	ς = , ς <u>=</u> , 7	7
≥ 3500 ≥ 3000	7.7	76.8 78.3	93 94	°£.•3 ″°•4	υ <u>5</u> 2	′ ៦ • √ - 1 m • ម	96.4 93.4	95.4 35.4	9 5. 5 50.5	90.05 90.06	ક્ક_દો પ્લ_દ	98.5	96.5	56.5 0.6	96.5 98.6	70°€ 70°€
≥ 2500 ≥ 2000	3 4 <u>1</u>	73.7 78.1	7°•9	49.9 59.1	50.4 90.1	70.1	98.9 99.1	96.9	30°2	99.1	,0.5 00.7	19.0 19.3	195•6 110•5	30.	49.	0 55. '(55.}
≥ 1800 ≥ 1500	. 7	3 • 3 9 • 9	90.1	59.1 54.5	47.1 94.9	9.1	99.1 99.6	79.6	49.7	79.3 99.7	49.5 49.7	99.5	7	9.3 19.7	40°4 46°4	1 4 y 2 3
≥ 1200 ≥ 1000	•	. 5 a .	25.6 0:.7	ं ५ . 7	99.6	9.1	99.5 99.5	9•€ 9••€	59.7	99.7 99.9	95.7	14.7 93.9	20.7 2.	29.7 29.3	54.2 10 <u>5</u> .1	\$ 9 • · · ·
≥ 900 ≥ 800	. • ·	99.5	99.7	^	99.7	9.7	97.8 99.8	ପଦ ୍ ଞ୍ଚ	•	39.4	,,,,	13.3	•	19.9	:01.7 101.5	
≥ 700 ≥ 600	· • • ·	9.3 29.7	90.7	99.8 59.8	99.0 99.0	19.0	99.8 99.8	79•5 19•3	v /•" •"•"	1	100.0			19.01 10.01	160.0 160.0	 数できる 数できる
≥ 500 ≥ 400	•	49.j	99.7	ે . • છે કેક • જે	90.5 90.5	ं9∙ं "9∙ं	79.8 99.8	19.8	୍ଟ୍ର ଓଡ଼	:	107.0 100.0	1		1 0 • 0	100.0 100.0	
≥ 300 ≥ 200	ė.	9. ! 99. j	99.7 99.7	୍ଟ୍ର ଅନ୍ତ୍ର	မှာက စ မောက န	50 C9	99.3 99.6	99.5 99.8	80°0	1 0.5 1 0.3	167.6 167.8	173•3 183•3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 7.0 1 <u>60</u> .0	
≥ 100 ≥ 0	* • ·)	: • 8	90.8 94.0	19.2 29.1	99.3 99.1	ຕຸ. ເດ.3	3 . 0 3 . 0	10 3 0 11 3 0	101.0 100.0	100.0 100.0	1 · · · · · · · · · · · · · · · · · · ·	1 ma.a.a. 1 0 d • S)	100.0	

TOTAL NUMBER OF OBSERVATIONS 1 - 6.7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 4,	≥ %	≥ 5/16	≥ 14	≥ 0
NO CEILING ≥ 20000				! !									!			:
≥ 18000 ≥ 16000		·		! !					ĺ			_				
≥ 14000 ≥ 12000						 								·		
≥ 10000 ≥ 9000			i i										!			• · ·
≥ 8000 ≥ 7000												1				
≥ 6000 ≥ 5000														:		
≥ 4500 ≥ 4000				!												
≥ 3500 ≥ 3000					1			: İ						i		•
≥ 2500 ≥ 2000				:				:								
≥ 1800 ≥ 1500																•
≥ 1200 ≥ 1000	1							:			:					• • •
≥ 900 ≥ 800				:		1							· · — · ·		• = •	
≥ 700 ≥ 600				 									· · · · · · · · · · · · · · · · · · ·			
≥ 500 ≥ 400												:				
≥ 300 ≥ 200																<u>-</u>
≥ 100 ≥ 0											!		!			

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		VISIBILITY (STATUTE MILES)														
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ '.	≥ 0
NO CE:LING ≥ 20000		[[.]	105.5	111.5 1116.6	170.0	1 °J•3 1 3•4	100.0 130.0	170.6 150.0	(27.7 (27.7	102.0 103.0	100.0 100.0	100.0 101.0	00.0 00.0	90.1 50.0	100.5	
≥ 18000 ≥ 16000		0.1	:01.5 :01.0	173.5 100.5	190.0 100.0	1 0.5 1 0.1	130.5 155.1	100.5 100.5	1 7 . "	199.2	100.7 100.0	100.0 150.0	100.0	00.0 00.0	107.3 100.7	177.5 177.5
≥ 14000 ≥ 12000		170.0 170.1	101.0 101.0	171.68 179.0	11	170.0 170.0	100.1 100.0	1 07 • 0 1 06 • 2	130.0 130.1	10.3 17.3	160.0 165.0	10	0 0 0 1	190.5 160.0	00.0	
≥ 10000 ≥ 9000	• .0 • 1 • 17 • 0	1 10 .0 1 10 .0	163.8 197.8	177.U 175.U	10'.1 177.0	100.5 100.3	100.0 130.0	1]	1 10.0 1 10.0	100.7 110.0	100.1 10	1377.6 138.6	100.0	1.7	3
≥ 8000 ≥ 7000	1	170.3	127.8 127.8	16:0 15:0	100.0 100.0	118.3 178.3	0.001 0.001	100.5 178.5	139•6 136•6	1 '3 • 6 1 1 3 • 9	137.7 137.5	120.0 185.5		100.0 100.5	123.0 127.0) ^ • (
≥ 6000 ≥ 5000	! ^ ?!	114.0 150.0	197.8 151.6	1,20°0 1,20°0	193.5 198.0	170.3 170.3	130.0 198.0	1 1 2 • 5. 1 1 2 • 5.	101.1	1 7 J.:	140.0 140.0	100.0	157.9 197.9	100.U	100.0 100.0	100.00 100.00
≥ 4500 ≥ 4000	912.9 1.5.9	1 10.5 100.5	107.5 107.5	10.00 10.00	103.5 177.7	170.0 190.3	150.5	1 70.0) 1 70.0	160.6 160.5	1 10.0 10.0	1 .0•3 1 <u>30•3</u>	184.0 185.5		120.0	163.0	
≥ 3500 ≥ 3000	1 10 10 11 1 1 1 1 1 1 1 1	170.5 1 <u>6.3</u>	100.5 100.3	1 70.0 172.0	100.0 100.0	175.8 175.8	100.0	1 7 3 • 3 1 7 3 • 3	100.5 100.5	179.0 179.0	100.0	100. 171.	1 0 1 • ^ 1 ^ - • ^	170.7	<u> </u>	
≥ 2500 ≥ 2000		l ^0 • 0 l ^0 • 0	107.0 187.9	1110 1100	100.5 154.5	170.3 170.5	100.0	101.5 100.5	100.0	153.6 135.6	100.0	11.0. 171.	100.0 100.0	170.0	ያረ በ•ን ∤፫ን•ቫ	1 .
≥ 1800 ≥ 1500		0.7 13.5	100.0	160.0 160.0	100.0	1 70.5 1 70.5	100.0 100.0	170.0 170.0	100•7 157•7	172.1 17	1 5 0 • 0 1 20 • 3	10		100.0		1
≥ 1200 ≥ 1000		1 3 • 0 1 5 • 0	101.0 107.0	160.0 156.0	167.5 177.5	170.0 170.0	100.0	1 .0	123.5 1 <u>23.5</u>	1	100.0	157.0		1 70 • c	#163•3 #163•3	
≥ 900 ≥ 800		1 0.0 1 <u>19.0</u>	1. 0	150.0	1	110.7	100.0	1 3)	1 u • 1	1 7 • 1 1 <u>1 0 • 2</u>	100•2 100•2	1 2 6	1 70 - C		
≥ 700 ≥ 600		1 3 0 3	100.0	17.00	1 .5 . 5	170.5 170.5	120.0	1 D	1	1	1.00.0	100.	1 7 . 7	1 00 • 0	1	
≥ 500 ≥ 400		1	10 .0	1 7 3 B	1 11.05	173.5	100.0	1	1 7 . 7	103.0	100.0	1 5	រ !	1:3.3	107	
≥ 300 ≥ 200	1	100.0	10 .0	1000 1000	1:,".	1 73.0	100.0	1 00.3	2	130.0	100.0	1 0000	1 7 . 0	100.5	1020	100
≥ 100 ≥ 0	; • 1) } • 1)		100.0	1	1	1-5.	1 U.C. O		137.7	173.5	1	150.0	1,17.0	100.0	100.0	100.0

TOTAL	MILLIANDES OF	OBSERVATIONS	

CEILING VERSUS VISIBILIT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 1% ≥ 1% ≥ 3 NO CEILING 96.7 ≥ 20000 29. 3 87.3 94. 89.3 ≥ 18000 ≥ 16000 1. ~1•: 91.0 91. ≥ 14000 ≥ 12000 91. -1. ≥ 9000 96. 8000 95. 96.7 5000 7.7 77.7 4500 4000 57.3 3500 3000 99.7 100.0100.0110.0107.1130.0107.71 2000 co.dian.ohae.ahan າດ.ວຽດຄ.ດຊາກລ.ວຽນສະດຽວພັດນະພະ 1800 33.71 1200 1000 0.0137 800 <u>></u> 700 70.0100.0170.01 . • মা ি 1170.011.0.01 500 400 00.71 •r100•d1: ≥ 300 59.7 100 · 1100.0110

TOTAL NUMBER OF DESERVATIONS

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 114	≥ 1%	≥ 1	≥ 3,	≥ %	≥ ⅓	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000	ί _ο 7	64.5 65.7	54.3 8=.7	64.2 44.7	34.3 an.7	-4.3 -5.7	нч.3 83.7	14.3. 27	4 7	34.3	20.3	84.3 88.7	. 4 . 7	14.5	65.7	
≥ 18000 ≥ 16000	7	39.7	89.7	59.7	39.7	-7. -9.7	â♥.′ €♀.7	50.3 30.7	7.7	8 / • 7	£ 7	50.7	9) • [4] • [9 - 6.7 9 5 . 7	87.7 89.7	
≥ 14000 ≥ 12000	1.7	70.	97.0 91.7	99.5	77.0 91.7	⇒3•; •1•7	90.0 91.7	7%.2 71.7	1.7	90.1 91.7	51.7	50.3 31.7	1.7	^C. ^1.7	21.7	71.
≥ 10000 ≥ 9000	93.7 34.0	93.7	94.0		93.7	~3.7 4.0	93.7 64.3	24.3	14. T	93.7	97.07	93.7 94.0	. 7	93.7 94.	5.4.7	
≥ 8000 ≥ 7000		95.7 5.7			i - 1	5 • 7 5 • 7	95.7	75 • 7 3 • 7	145.7 15.7	95.7	5 5 . 7 9 1 . 7	-	7 . 7	15.7 35.7	35.7	•
≥ 6000 ≥ 5000	7.	6.1	97.3		96 . 7	~6.3 ~7.7	96.3	72.3 77.7	97.7	36.3		96.3	5 7 . 7	66.1 87.7	36.7 37.7	· - · · · · · · · · · · · · · · · · · ·
≥ 4500 ≥ 4000	•7• <u>`</u>	27.3			97.7		97.7	7.7 46.7		97.7 05.7	97.7	_	67.7	37.7	97.7	7 . 7 .
≥ 3500 ≥ 3000	, ,	· 8 • 7	90.7	!	94.0	70.0	99.7		,7." 39."	79.	95.7 69.	99 96.7	55.r	9.	Ç.	
≥ 2500 ≥ 2000	. 7	9.1	33.2	. 3	90.3		99.3	69.7	47.3	24.3		99.7	37.7	79.7	79.7	96.
≥ 1800 ≥ 1500	· . 7	79.3	99.3		99.7 97.7	9.7	99.7	19.7	.7.7		50.7	29.7	. 7	79.7	90.7	٠ . تو
≥ 1200 ≥ 1000	77.7 6.7	09.3	99.3			37.7 9.7			99.7	99.7	, ,	54.7 59.7	. 7	79.7	49.7 49.7	, o,
≥ 900 ≥ 800	2 . 7	- 3 • 4 - 3 • 4	90.3	7.7	93.7 00.7	9.7	- i	79.7				79.7 59.7	िन्दे . ग ; ३९ . ग	95.7 59.7	99.7	36
≥ 700 ≥ 600	• 7 • • 7	54.3	77.3	69.7	93.7	9.7		99.7	; 7.7 20.7	• •		79.7	09.7	69.7 69.7	99.7	t , ,
≥ 500 ≥ 400	2.7	7.50	97.7	10 : 00 1 • 0	10.0	1 73.0		193.J	157.0 100.0	170.0	100.3	150•8 166•9	1 0.5	150.5 150.5	100.0	1
≥ 300 ≥ 200	7	75.	90.	i ເປັ	1.7.5		107.0	1 17.0 19.0		100.0	167.5 167.5	100•4 100•5	11 .7	100.0 100.5	180.0 165.0	1
≥ 100 ≥ 0	8.7	69.	0001	1 • 0	1	1 6.0 1 0.0	100.0	100.0	1 7.7		13: -7	100.0		100.0	100.0	-

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

						VIS	IBILITY (ST	ATUTE MIL	ES)						
CEILING (FEET)	≥ 10 ≥	: 6 ≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ 1/3	≥ 5/16		≥ 0
NO CEILING ≥ 20000	77.7	C. 75.	76.3	7	76.5	7/ .3	7~ • 3	7	70 • 1	76.	71.2	75.7	76.	76.1	71.7
≥ 18000 ≥ 16000	1.7	5 St.	7 7 7	84.7 87.0	6.7	87.0	0.7 7.3	17.	5c • 7		7	7.7		7	. 7
≥ 14000 ≥ 12000		7.0 57.	7.7	57.7 81.7	7.7	37.7 39.7	7.7	5 7 7	37.1	97.7	27.7	. 7	7.7	7.7	57.7
≥ 10000 ≥ 9000		1. 21.	7 1.7	91.7 91.7	1.7	91.7	11.7	, 1 . 7	71.7		1.7	1.7	71.7	1.7	
≥ 8000 ≥ 7000	7	7. 07. 3. 37.		94 . i:	4 .	94.0	94.0	34.0°	94.5	94.7	94.00 94.00	4.5	94.5	4.	
≥ 6000 ≥ 5000	1 7	ų. ⁹ 4.	7 4	95.7	6.7	95.7	75.1 76.7	45 n	96.7	56.7	96.7	/6.7	25.0° 26.7°	96.7	74.07 24.07
≥ 4500 ≥ 4000	7	7.7 96.		95.07	7	97.0	07.J	12.7	78.7	97.7	27.2	27.7	67.7 98.7	97.7	77.5
≥ 3500 ≥ 3000		8 9° . 4 . 71 . 94 .	3 23.3	99.5	19.7	59.C	19.0	99.7	29.7	99.7	99.7	€ 7	9.7	49.7	· 9 • 7
≥ 2500 ≥ 2000		7. 9.	71	1.57.0 1.30.0	170.0 170.5	100.0 150.0	173.8 174.8	100.0	170 173.0	177.7 127.3	13. •) 130•0	105.0 153.5	155.U	120.0 120.0	
≥ 1800 ≥ 1500	£ 7	9. 39. 9. 39.		107.0 100.0	1 13.7 1 18.5	100.5 137.0	170.0 170.0	107.7 108.7	130.0 173.0	100.0 100.0	100.0; 150.0;	1	150.C. 110.S	187.9 187.9	ເເພ•ີ ນາວ•ດ
≥ 1200 ≥ 1000	2 •	9. 99.		1 ° ° • ° 1	173.0 173.0	າຍຄວາ 160 . ຄ	1 10.0 1 10.J	1 7.7	1 L.J 182.5	1 ?	101.00 100.00	1000 1000	170.0 170.0	160.0 160.0	171.0 175.0
≥ 900 ≥ 800	- ;	9.1 97.	-1	175.8 125.8	170.0 175.0	100.0 100.0	135.9 1		120.0 120.0	157.0 187.0	170.3	1	170.5 170.5	າປົກ•ລີ 199•ຄ	100 • 0 100 • 0
≥ 700 ≥ 600	5 B . 1 3	9 9 90.			170.0 170.0	130.3 136.8	10,.0 100.0	140.0 131.5	1 33 o til 1 33 o til	100.7 100.7	1 2 J • 2 1 1 J • 2	1	1 75.0 1 75.0	100.0	10.00 100.0
≥ 500 ≥ 400		9.7 99.	3177.0 3170.0	198.9 198.9	1 3.0 1 3.0	າຍຕ•ດ 1. ∋•ຍ	100.0	1000	100.0 100.0	160.0 180.0	100.0 100.0	1	1 50 • 5 1 50 • 5	160.0 160.0	17 ñ [n] 101 • 8]
≥ 300 ≥ 200		9. 95. 9. 95.	-1-	177.7 177.7	1 3.0 1 0.0	130.0 150.0	170 170		135.3 135.8	100.0 130.0	100.0 100.0	130.5	100.3	107.7 167.9	100•3 105•6
≥ 100 ≥ 0	•	9. 51.	31'	1	1 G.J	100.5 105.5	170.5 170.0		170.7 173.7	107.0	100 . 0	107.5	100.6	160.0 160.0	.55•0 155•0

TOTAL NUMBER OF OBSERVATIONS

CEILING							VIS	IBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/9	≥ 2	≥ 11/2	≥ 11.	. ≥1	≥ 3,	≥ 4	≥ %	` ≥ 5-16	≥ .	≥ 0
NO CEILING ≥ 20000	1.7	7 . 7	1.7	7 . 7	71.	2.3	71.5 82.3	71.02	7	71.5	71.	7100,	11.0	1.	710	• 1
≥ 18000 ≥ 16000		2.7	37.7	7	92.0	2.7	22.7 27.0	`.7 2.	7 7 7	3.07	-2.7 53.	50.70	27.7	72.7	* ? • ? • ? • ?	
≥ 14000 ≥ 12000	3.8 5.3	3•1 :5•7	a 7 . 7	27.7 63.7	84.7. 85.0	. 4 	# N	14.5 16.0	.4. °	34.0 80.0	24.	4 • 5 4 € •	4	16.5	.4.	
≥ 10000 ≥ 9000		^6.3 31.~	97.5 71.5	53.3 21.0	7	3.7 -1.1	50.7 91.7	7 .7	91.7	9•7 21•	3 . 7 41 . 7	7 .7	1.7	1.	5 . 7 . 1 . 1	
≥ 8000 ≥ 7900	23.7	92.3 2.7	9 . 3	€2.3 22.7	• 7.	2.7	92.7	12.7 11.5q	7	93.7 23.0	97.7 97.0	97.7		32.7 77.	37.7 37.	4.7
≥ 6000 ≥ 5000	7.7	94.7 95.3	74.3 9:.7	5.7	24.7	6.7 5	74.7	^4 • 7	24 . 7 26 . 0	34.7	94.7	94.7 56.3	94.7 94.3	74 . 7 76 • 0	56.5	
≥ 4500 ≥ 4000		76.7	97.	57.0	97.3	7.5	97.3	27.3 23.2	7 . 7	77.7 35.03	67.3	37.3 40.3	4	98.3	67.1 69.1	. 97.
≥ 3500 ≥ 3000	-6. • ** -7 • 7.	18.1 19.1	95.3	32.1	9 . 7 1 · · · ·	5.7 170.2	30.7 115.0	03.7 100.0	3 # . * 1 : 0 • 0	98.7 203.	1 7 . 1	96.7	7.7	98.7 110.0		17
≥ 2500 ≥ 2000	7.7	39.7 39.3	97.7	7.7 77.7	1១១.el 1∈១.el	1 70.0 1 18.3	100.0 100.0	1 10 • 5) 1 15 • 9	157.7 137.7	1 d. 17ម.3	10.	1		1 10.0 1 10.0	10 n. 10n.	177.5
≥ 1800 ≥ 1500	7.7	99.1	90.7	60.7	1.7.0 1.2.0	178.3 178.J	167.0 167.0	1	194.6 18 .6	1 15 • 1 1 1 0 • 0	1	1 10 • 0) 1 7 • 0)	13 1.7 17.0	1 (0 • J 1 77 • 7	មែ្រ. មួយក•ក	`i `
≥ 1200 ≥ 1000	7 • 7 7 • 7	59.1 19.3	97.7	≎4.7 ≒7.7	1 17 • 1 1 15 • 1	1 5.7 1 5.7	1.0.0 197.0	1 • 4	1 _^ . ^ 1	156.5 15.5	127.0 127.0	19401 1 <u>19</u> 401	! • ^ ! _ • ^	‡66•n [130•]	10 °•0 142•0	11 72 •
≥ 900 ≥ 800	7 . 7 7 . 7	09.3 39.4	99.7	99.7	190.5 137.9	1 10 • J 1 10 • J	157.0 157.0	1 1	1	1 - 1 - 1 1 - 2 - 1	107.	1		100.0 121.0	160.1 169.1	
≥ 700 ≥ 600	7 • 7 / 7 • 7	79.7	99 .7	29.7	155.6 165.6	1	1 .] .] 1 0 5 . n	1 ~ :: 1 ^	1	170.5 175.7	1 .	i (a•rb <u>L77.•7</u>)		ាំ្រ. 1.0•	1*/.	1
≥ 500 ≥ 400	7 . 7	79.7 37.1	94.7	7 7	134.0 130.5	1	100.0 1.7.0	1~u 1~a		170. 186.6	130.0	1	! •	1 22. 1 13.0	: '^.	1 1
≥ 300 ≥ 200	1.7 7.7	94.3 99.3	70.7 90.7	00.7 04.7	13:00 10:00	100.0 100.0	1.00.0 1.0.0	1 7 • 5 1 • 0		1 10.0	100.0	190.0 100.4	U1 • M <u>U1 • M</u>	100.1	1 . 0 • 1 1 = 0 • 1	10 •:) 11::•
≥ 100 ≥ 0	7.7		97.7	20.7		1 0.0 1 0.0	. (°.5)		1	100.	1	17:00 195.0		ផ្≟ີ5.៩ 13`•5		

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VIS	IBILITY (ST	ATUTE MIL							- -
CEILING (FEET)					,		713				,		· · · · · ·	 -		
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 20000	1.4.	7.4	6	7	7	3.1	არ.პ ში_ნ	1 14 . 2 4	7	3/1	6 1 a 1	67.5	7	7	7: .	7
≥ 18000 ≥ 16000	17.7	79.	7.7	77	7/0	79.7		74.5	7.07	7.	70.0	7:	7. • *	77.0	79.7	7:.
≥ 14000 ≥ 12000	1.	1.	81.	1.0	21 e	1	1.1	1	1.	710	1 -4	1	1.5	1	1.7	
≥ 10000 ≥ 9000		9.	4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	74.1 24.3	6.7.	19 -9.2	50.3	79.0 89.3	39.5	4 y	39 1	π. ; ε c , ?	-	• • • • • • • • • • • • • • • • • • •	<u>. 27.</u> 0 . 27.0	7
≥ 8000 ≥ 7000	10	1.	91.7	11.00		1.0		51.3	71.7	61.7	91.7	71.7	1.7	11.7	1.7	
≥ 6000 ≥ \$000	* * *	5.7		1.7	7.7	5.0	97.7	75.7	93.7		9 7		7	3/ _{0.7}	- <u>-</u>	
≥ 4500 ≥ 4000	7.	69	1 3 6	1 - 2 - 3	74.7	5.7	96.3 98.9	10.3	91.7	76.		96.	• • • • • • • • • • • • • • • • • • •	76.5		
≥ 3500 ≥ 3000	7	78.	5 5 3	· · · · · · · · · · · · · · · · · · ·	9 .3	7.7	99.7	د ه ه 9.7	35.7	37	90.7	30.7	7	\$ 4.7	98.4	
≥ 2500 ≥ 2000		100.	1100.7	1	1 • •	177.3	100.0	170.5		170.1	167.7	1 11.		1	10000 10000	1
≥ 1800 ≥ 1500	. 2 . 1	1 5.0	1:07.0 110(.3	171.0 171.0	101.7	100.0 100.0	157.6	176.0	100.0	133.3	1	1	117.0	iro	1.0.5	1
≥ 1200 ≥ 1000	9.1	1 '6.	lun.o	170	165.0 105.0	176.5	10 .0	1 0.0	100.0	170.0	1. ~ .	1 .		1 .	11,0.0 1,111.0	100
≥ 900 ≥ 800		1 0.	113	1	1	1 3.0	100.0	17 .0; 17	1 1 1 A	17.00	1	1	,	10. •	157.5 157.5	10
≥ 700 ≥ 600		1 5.	1137.0	1 .3	100.0	1 0.0	130.0 160.0	1 .U	1000	1 77.	記言 1010年	1	1 . ^	175.	1 7.7	1
≥ 500 ≥ 400		1 0 . 1	110 .0	101.0		1 3.0	150.5 150.5	1.0.0		150.5	100	1:	<u>,</u>	iro.∵ iro.∵	: [n.]	1
≥ 300 ≥ 200	F .	1 .	110 .:	1 .5			101.0	1	10 .n	1 3.5	1.7.	1	}	1	1 7.	1
≥ 100 ≥ 0	0 . 7	1 0 . 1	137.0	100.0	177.7	1 10.	121.0	10.00	101.1	122.0	1 -	1 ^ • 7	<u> </u>	100	100.0	1

TOTAL NUMBER OF OBSERVATIONS

CEILING			_				VIS	SIBILITY (ST	'ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 114	≥ 1	≥ 3,	≥ 46	_ ≥ %	≥ 5/16	≥ ;,	≥ 0
NO CEILING ≥ 20000	7(• •	77.	77.4	77.8	77.	3.	77.0	77.3	77.0	77.5	77.	*7.a	7,0	-	77.0	
≥ 18000 ≥ 16000		3	94.5	3.3	33.5	3.4.5	83.0	4.5	, c	4.5	 	v <u>1</u> . 9			- ₹ 5	+ ·
≥ 14000 ≥ 12000		5.5	3' . Ē	5 5	36.0	9.3	36.5	£ • 5 6 / . C	£ ()		87.0	6.7			7; . 7	
≥ 10000 ≥ 9000				+		3.3	93.3	73.3	<u> </u>	73.3 3.3	97.5	77.3			; ,	
≥ 8000 ≥ 7000		14 15 .	90.6	74.6	7 . 7	5.1	94.7	54 • £		14.6	. 4	74.7	\$4.6 95.5			
≥ 6000 ≥ 5000	74.7	75.6	95.1	† • ≥ 27 • ₽	07.0	5 • 7 •	96. 97.	96. 97. j	/ m, m	97.	76.		37.0	37.	- ; <u>-</u> ,	
≥ 4500 ≥ 4000	-4. N	6.8 3.	37.0 97.3	~7 ,,,,3	97.1	57. 2.3	97.1	 +	7.7	77.	97.3	97.3	7.0	97. 64.)		•
≥ 3500 ≥ 3000			92.7	15.7	35.7		90.7 22.3	+	30.7	+	97.7	73.3	, s = 7	25.7	05.7	• •
≥ 2500 ≥ 2000	- 	7 • 1	137.5	75.7 176.5	37.7 1 T	+	99.7	79.7	7	1 2 9 . 7 1 2 . 0	107.7	1)	196 .7 1850•13	1	1 " .
≥ 1800 ≥ 1500		, 7 , 7	1.3 • 5 1.7 • 5	150.0	1	1 0.0	1 .7.5	100.0 100.0		1 10.0 110.0	1: •	1 5 T. 6	1		107.7.	1 · ·
≥ 1200 ≥ 1000	•	7	1	1]]	1: 3.1 1 5.		1 - 1	1.1.	1 4		: '		170.3 17.7.7	107.0.	1 • 1
≥ 900 ≥ 800	• • •	. G . 7		163.0 10.0	1	1 1 Co.	ມ ເຄ.ດີ <u>ໄປປ•</u> ວນ	1 · · · · · · · · · · · · · · · · · · ·	1	1 10.5	1	1 •	1	i	111.7	1 .
≥ 700 ≥ 600		7	10.	17 (• () 17 (• ()	1 3.0	1 0.2	100.01 194.71	1		1700	10 - 1 107 - 1	1		1 17 • 1 1 17 • 1	#14.6. 11.6.•	1 • 1
≥ 500 ≥ 400	•	5.7	1	10 170	1	1 "b.c.	117.7 127.9)	10 •0 10 •0		1,3.0	1	130.3		120.0		1 .
≥ 300 ≥ 200		- 7		1	1 .		112.7		1	. 500 • 1 11 J • 6	162.7 165.7	107.0 100	ከር`•ጀ ‡ <u>~</u> ጉ•ሮ!		:50.0 :57.0	1 -
≥ 100 ≥ 0		0 3 j	1	1 .				1	1	. 5.0	1.7.0	1	n,	ត្តិក្រុំ រូវែក ប៉ុន្តិ៍ () រូវ	ນີ້ນີ້ວ່າ•ດີ ນີ້ນີ້ວ່າ•ດີນີ້	17.

TOTAL NUMBER OF OBSERVATIONS

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11.2	≥ 11.	≥ 1	≥ 4.	≥ 4	≥ 5	≥ 5-16	≥ .	≥ 0
NO CEILING ≥ 20000	7.7.	7.	7 .	77.	7/	7.	77.4	77.5	77.	77.	77.	77.	7 7	77.	77.	· ·
≥ 18000 ≥ 16000	4	4.1	30.5	5.6	νΓ.1 εε.7:	~ · i	5.1	5 • 7	5.7	7.	3 1 1	. 1	• 1			
≥ 14000 ≥ 12000		7	7 t = 5	. 7	7	. 7	£ 1 . 71	. 7	7	. • 7	54.7	2 . 7	•	,		
≥ 10000 ≥ 9000	1.		91.7	7) • 5 6 • 3		∵. 2•4	00.0 20.4	74, • 1 27 • •	1 a	ें . • <u>.</u> • 4		. 4				
≥ 8000 ≥ 7000		4 .	91.		94	4.	94.5	74.0 34.3		74	हिस् र • ८० •					· - •
≥ 6000 ≥ 5000	3.4	5 • A	95.2	• 3	95.9 95.4	5 • 4 6 •	94.3		e is	े ्र ्र १८ ०३	* . u	95.4 06.3		5 • • 36 • 5	آه. 14.9	
≥ 4500 ≥ 4000			97.1	.4	37 • 7 95 • 51	7.	97.1	•7•s	7.7	/1.1	97.3 98.5	97.3 3.5	• *	77.3		•
≥ 3500 ≥ 3000	ાં?∳નો "•ે	14.4 19.4	y	•	વ. •ુક <u>રુક•/</u> ,	3.	93.5 99.1	ઝ⊹્રો <u>ગદ્</u> યા		7.3 • 3 1.9 • €	50 € E 20 €	3 · ·	•	5	0.0	•
≥ 2500 ≥ 2000	7.	79.01 201	3 . 7	53.5 53.5	99.0	9.	90.0	04.8 19.9	46.5 27.6	99.5	9 : • , C • O	90.5		٠٠٠ ١٠٠٠		
≥ 1800 ≥ 1500	7	19.1 19.1	9:47	20.5	93.0 93.0	0.1	99.0 9 9. 0	20.4	19.5°	-9.5 	ିପ୍କୁର ଜୁଲ୍ଲ	59.9 99.4	45.6	-3.4 -3.4	~a.n	- 7
≥ 1200 ≥ 1000	7.	.9.	3 . 7 3 . 7	19.9	94.01 34.01	9.	30°0	****	20 g	79.4 99.4	60.0 10.0	14.9 2.3		20 . S		•
≥ 900 ≥ 800	7 • ⁽³⁾	9.°	25.7	77.0	50.0	9 • •	40.0	99 7.9	59.0i 54.0i	/3.5	49.9	· /• ?	0	9.	95.5 30.5	
≥ 700 ≥ 600	. 7 <u>.</u>	*•5i	9 : • 7 34 • 7	1000	35.9 75.8	19.5	90.9 90.9	04.4 04.9	10.0	7 • • • • • • • • • • • • • • • • • • •	20°2	ाष ्ट े अथक्र	• 6	୍ଟ•ୁ ଜୁନ୍	23.8 23.6	3 . 5
≥ 500 ≥ 400	7.1	· ? • · ·	3 7	(4.9) (4.3.5)		10.	140.5k <u>170.5</u> k	1		1 `	1.0.ď: <u>183.√</u>			1[]]] D • []	(
≥ 300 > 200	7.	79.5	37.7	71.9		1• J	1		1 1	1 2.0 103.5	100.n) 100.o)		•	1 .	() !ar•n!	
≥ 100 ≥ 0	7.7	9¢. 19•1	7 7	7 - 9	1 • • • • • • • • • • • • • • • • • • •		1 • 1 •			120.5 13.0	1 u () • () 1 <u>u () • ()</u>		! • 7	1 ^ (• 1) 1 1 0 • _ 1	lon•ri Lun•n,	

TOTAL NUMBER OF OBSERVATIONS ___

CEILING							VIS	SIBILITY (ST	ATUTE MIL	.ES)						
(PEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 115	≥ 1%	: <u>≥</u> 1	≥ 1,	≥ 46	≥ %	≥ 5/16	≥ '.	≥ 0
NO CE:LING ≥ 20000			<u> </u>									i		†		
≥ 18000 ≥ 16000			•								:		· ·			
≥ 14000 ≥ 12000														*		
≥ 10000 ≥ 9000														• •	· - ·•	
≥ 8000 ≥ 7000														• •	•	•
≥ 6000 ≥ 5000														•	•	
≥ 4500 ≥ 4000	-									!	*****	· · · · · · · · · · · · · · · · · · ·	•	• •	-	
≥ 3500 ≥ 3000			· -							.	•			••	- •	
≥ 2500 ≥ 2000	•				+						•			•	•	
≥ 1800 ≥ 1500											•		•		•	
≥ 1200 ≥ 1000													•		•	
≥ 900 ≥ 800	-														•	
≥ 700 ≥ 600											•		•			
≥ 500 ≥ 400	r										•		•		•	
≥ 300 ≥ 200											· · · · · · · · · · · · · · · · · · ·		•		•	
≥ 100 ≥ 0				:	!	i				1	'			• •	•	

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI	SIBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	ציו ≤	≥ 11.	≥ 1	≥ 1,	≥ 4,	≥ /2	≥ 5 16	≥ '₄	≥ 0
NO CEILING ≥ 20000	·		· •	_			:	÷	·		1			•		
≥ 18000 ≥ 16000					i		•		·		:	•		* ·· •	-	•
≥ 14000 ≥ 12000					:							•		• •		•
≥ 10000 ≥ 9000	•		•				:					•		•		•
≥ 8000 ≥ 7000					,	:	1	1			•			• .		•
≥ 6000 ≥ 5000	•		110.00	1		1 0.		1	1 .	•	!	1	1 .	1		
≥ 4500 ≥ 4000			+	1 •	+	13.	1	1			1	,				· ·
≥ 3500 ≥ 3000	• 1	1 .		1	1 7		0			i •	1					1
≥ 2500 ≥ 2000		1	17.	1 • 2	1	1	15	1	1 .7		1	1 .		1 .	1	1
≥ 1800 ≥ 1500		1	11.50	1 1 . () 1 1 ()	1	1 5. 1 50.5	100.0	1 .3	1		1	1 .	•	1 .	• ~.	1 .
≥ 1200 ≥ 1000		1 .	1	1 • 5 1 • • 5		170.	16.7.7	1	1	1	1	i .			;	•
≥ 900 ≥ 800			Togradi ale •0a	1 • 5	1 - 7 - 7	i 0.		1 1.5			1	· ·				
≥ 700 ≥ 600		1		1 .			1	1	1	1	1	1	1 • -	1	1	1 .
≥ 500 ≥ 400		1 .	11	1 .0			16.7.5	1		1	155.	1 .			1	1
≥ 300 ≥ 200		1 .	50 .∃ 110 • 1		1 .	1(.	100.0	1	1	1	1	1				
≥ 100 ≥ 0			ia .	1		+	1	1				1: (.)	1			1

TOTAL NUMBER OF OBSERVATIONS

TOPMASHICEANMET SMUS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

STATION NAME TEARS

CEILING							VIS	SIBILITY (ST)	ATUTE MILI	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 112	≥ 1/.	≥ 1	≥ 1,	≥ ¥6	≥ ⅓	≥ 5/16	≥ .	≥ 0
NO CE:LING ≥ 20000		· · · ·				1.			1	1 • !		1.	1 .	1.		•
≥ 18000 ≥ 16000	. •	1.	1.	1.	. •	1.	1.7	1.5		1.	1.	1 3 . 1	1 . 7	1.	- !.	•
≥ 14000 ≥ 12000		l.• . <u>⊹•</u>	91.3 9.3	1	•	l • •	1.	•		1.	•		•	1.	1.	•
≥ 10000 ≥ 9000	•	1•1 ـــــــــــــــــــــــــــــــــــ	• !	* • 1		1.1	• i	* • 1	• • • • • • • • • • • • • • • • • • •	/5 • 1	•	u • 1. =. •	• 1			
≥ 8000 ≥ 7000	•	7.1	• 1	7•! ••	• 1	7•'		7.1 	· · · ·	·7•1 <u>/•1</u>	• • • • • • • • • • • • • • • • • • •	*•1	• 1		~··	•
≥ 6000 ≥ 5000	• 1 • 1	: • • • - •	· · ·	• 4	72. . 72.	2. • • 2 •	• 4		• 4	• ; • • • • •	· • •	• •	· · · · · · · · · · · · · · · · · · ·	خین ۱۹۰۵ .یفیشد.	•	•
≥ 4500 ≥ 4000) 	, , , , , , , , , , , , , , , , , , , ,		ا' • • • • • • •	, ,	•	, , , ,	, , , , , , , , , , , , , , , , , , ,	_ • .	79.7 	7.ئ نوبين		• 7			•
≥ 3500 ≥ 3000	•	1	121. 1 <u>Luje 1</u>	 	1			1 1 • 1 1	• ,	•	•	•	•	} }		•
≥ 2500 ≥ 2000		<u>.</u> 	1	•	1 •		1	1		· · · · · · · · · · · · · · · · · · ·	· · ·	1 • ; 				•
≥ 1800 ≥ 1500		<u> </u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		; •			1	•	•		•	•	<u>.</u> . •		. •
≥ 1200 ≥ 1000 ≥ 900	·	<u>.</u>	- 1		i ·^			1	-		<u>.</u>				• •	•
≥ 900 ≥ 800 ≥ 700	•	1 -	1		1		1			•	<u>!</u> • .	<u>.</u>				
≥ 600 ≥ 500			1 1	<u>ان و ن</u>	1 .				· • ·	<u>.</u>		<u>.</u>		ıl		
≥ 400 ≥ 300			<u>11.7.01</u> 11. • 11	(1	1	-	1		<u> </u>	<u> </u>					•
≥ 200					1			1			<u>.</u> .	•				•
≥ 100 ≥ 0			10.01		<u> </u>	•	1	1 • 1	•	· · · · · ·	<u>.</u>		•	•	<u> </u>	

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 114	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ 1.	≥ 0
NO CEILING ≥ 20000	1.4	1.4	2 . 4	'	. t.	19.4	21.0	11.7	1 •	91.0	51.3	- 44 - 1 • 3		5 L .~	61.5	
≥ 18000 ≥ 16000	1.1	1.	91.9	0].0 2].9	01.0	1.5	51.0 91.0	11.9	71.5 21.5	21.5	71.5	51.0	7	1.	11.7	71.C
≥ 14000 ≥ 12000	1.	1.	21.4 21.4	61.0	9.0	1.	.1.ºº	11.4	1.0	01.9 73.3	91.5	91.4	: , 	1.	-1.7 >7.7	-1.
≥ 10000 ≥ 9000	· · · · · · · · · · · · · · · · · · ·	5 · ·	95.5 95.1	- · · · · · · · · · · · · · · · · · · ·	?↑.٢ 76.1	5. 5.i	7/5.1 21.1	95.5	,	95.0 95.1	9 °	90.5	• •	έ.1	<u>**.1</u>	1
≥ 8000 ≥ 7000	7.1	7	97.4	97.1	47.1 .7.4	7.1	97.4	17.1	97.1 97.4	37.4	97.1	97.1 27.4	7•1 -7•4	77.1 17.4	7.1 67.4	
≥ 6000 ≥ 5000	7.4	7.4	37.4 9.4	97.4 93.4	07.4	57.4 -2.4	7 . L 4 7 . L	7.4	, ' <u>. u</u>	57.4 93.4	97.4	9 .4	67.4 43.4	77.4	97.8 25.4	77.
≥ 4500 ≥ 4000		> 'y ∎ '(a - (a)	97.	95.0	20 • 4 20 • 4	7 • 4	. G . 4	99.9 99.4	. G . 6	- 3 - 4	20.1	50.4	7.4	30.5 64.3	96.4 90.4	
≥ 3500 ≥ 3000	· · · · · · · · · · · · · · · · · · ·	- 5 • 7 - • 7	2 • 7·	7 . 7	22 • 7;	5.7	95.7	19.7	7	99.7 93.7	99.7	-7.7	7 • 7	79.7 79.7	90.7	· · · · · · · · · · · · · · · · · · ·
≥ 2500 ≥ 2000	~ . 7 	• 7 • 2	9 . 7	. 7	7 . 7	3.7	99.7	- 7 - 7 7	29.7	79.7	50.7 29.7	99.7	93 .7 55.	94.7	96., 39.7	78.7
≥ 1800 ≥ 1500	7		7	7 • 7 • 7	90.7	3.7	99.7 29.7	72.7	v G . 7	6 7 . 7	79.7 79.7	76.7	• 7	\$9.7 \$9.7	59.7 39.7	50.7 34.7
≥ 1200 ≥ 1000	1 1	1	13 • ^ 15 ^ • ^	1		1 2.		1 (0.0) 17 (.0)	3.1	1 35.5	155.1 1 <u>01.0</u> 0		•]	101 • 1 <u>51</u> • •	101.1 101.1	•
≥ 900 ≥ 800	• 1	1	15 • 3	107.0 107.0	1	100	1 3 7 • 0	1 -		133.4 102.5	1 1 • 1. 1 [• 1.	1 0]	100.00 100.00 100.00	1
≥ 700 ≥ 600	• -	1 • 1	100.7	1	100.0	1 3.1 178.	1 (0 • 0) 1 0 0 • 0)	1 ° . • 0 1 ° • 0		1	1 15 • 70	161.		1		1
≥ 500 ≥ 400]	1 (•) 1 5 • 1	107.1 167.1	100.0 100.0	1 - 7	173.0 173.0	101.00 120.5	1 10.9 11.5		1	1 - 2 • 3				107.7	1
≥ 300 > 200] - ()	1 • 1	107.0 157.5	17J 184.	1 .	1 10.0 1 10.0	167.0 167.0	1 - 5		10. •0 10. •0	1.0.0		1 • °)	l `	107.) 102.5 152.5	1 • · ·
≥ 100 ≥ 0	1 . 1			1 · · · · · · · · · · · · · · · · · · ·	1	1 3. i	150.0 160.0	1 0 0		1000	1			1075. 100.1	יים ביונים. מיים ביונים ביונים ביונים ביונים ביונים ביונים ביונים ביונים ביונים ביונים ביונים ביונים ביונים ביונים ביונים	1 1

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	GIBILITY (ST	ATUTE MIL	LES)			<u> </u>			
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ '.	≥ 0
NO CE:LING ≥ 20000	•	, , , , , , , , , , , , , , , , , , ,	91.5	1.3	01.5	5.1	11.5	• 3 - 1 • 9	91.9	91.5	26.ª	0.6.0 91.0	5 4 • 6 4 1 • 3		1.	
≥ 18000 ≥ 16000	-2 • 3	-2 - 5	97.3	· ? • 3	ຊາ	i. • i	-2.3 32.3	2.3	92.3	72.3	6 2 • 3 6 2 • 3	7 7	• •	•		•
≥ 14000 ≥ 12000	7	53.2 34.€	9:.3	95.2 74.6	4 * • 2 34 • 6	3. 4.	92.2 94.5	4.5	91.7 54.6	73.1 74.5	93.2	₹.2 ३4.5	- 1.7 74.5	- 4	3 7 7	•
≥ 10000 ≥ 9000	16.1 16.1	6.1 5.1	9.1	76.1	96.1 96.1	6.	90.1 90.1	/a.1	6.1 6.1	95.1 96.1	96.1	76.1	77.1 75.1	76 • 1	94.1	•
≥ 8000 ≥ 7000	7 • 1 7 • 1	97.1	37.1	97.1 97.1	97.1	7.1	97.1	7.1	77.1			97.1	97.1 97.1	77.1	97.1 97.1	17.
≥ 6000 ≥ 5000	7 • · ·	37.1	·	7.4	27.4	7. ·	47.4 49.0	7.4	97.6. 59.0		47.4	97.4 95.3	27.4	37.4 30.	97.4	77.
≥ 4500 ≥ 4000	, c, 🔫	75.7	5 7 . 7	7		9.7	39.5 39.5	- 7 • 3 - 7 • 7	49.7		95.0	30.7	~ ~ • • • • • • • • • • • • • • • • • •	39.7	.0.7	
≥ 3500 ≥ 3000	y•7 	9 • 7 • • <u>7</u>	90.7	34.7	·	9.7	99.7		33.7	. 7 . 7	95.7	09.7	. 7	20.7	99.7 99.7	
≥ 2500 ≥ 2000				. 7	99.7	0.7	99.7	09.7	90.7		59.7 59.7	29.7		9.7	95.7 7.55 1.55	
≥ 1800 ≥ 1500	• 7	1	1::	1/0.5	1.7.	9.7	99 .7 100.0	17.00	99 .7 130.5	99.7	59.7 <u>123</u> .⊆	137.5		1.52.0 2.00.0 2.00.0	មិទ្ <u>តិ</u> ភូមិ	1
≥ 1200 ≥ 1000	1		15.0	10.00 100.0	1.7.0	1 0 • 0 1 0 • 0	157.0	1 1 • G	1 0 0	1 10	10.0	1	1	<u>170.</u> 170.	3 3 1 • 1 1 3 1 • 2 1 6 2	1
≥ 900 ≥ 800		1 .	10 .7 107.5	1 · · · · J	177.0	1 0 0 1 0 0	130.7 135.7	15	1	1 1 1	1	1	·			•
≥ 700 ≥ 600 ≥ 500	1 0	1	130.7	15 • C	100.6 100.6	1 "0 • 0	100.0 100.0	1 0 1 0	1 23.7		1 •	15	1	•		1
≥ 500 ≥ 400 ≥ 300		1 : • *	137.7	1 7 5 - C	130.0	10.0	100.0 100.0	1 " . • []	127.7		1	1		1:0.0		<u>1</u>
≥ 200 ≥ 100	1	1 2	15: .0 15: .f	177.0 177.0	130.5 16:.0	1 0 • • • • • • • • • • • • • • • • • •	100.0	1	100.	1 10 • ; 1 : . • 7	100. 110.5	1 (.) 1 (.)	1 .0		1:5.7	1
≥ 0	1			10.0	1	1 ^U - 3	2.301	1 .3	130.0	10.0	100.0	200.0	1 7.7	1	102.5	

TOTAL NUMBER OF OBSERVATIONS

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ '.	≥
NO CEILING ≥ 20000	7	2 4 4 5	7 .4	7 .4	7 . 4	7	7 .4	7	7 . 4	7	7 . 4	7 . 4	? .u	7 .4	7 4	7
≥ 18000 ≥ 16000	4.	4.5	54.5	- 4 • J	η ι, ι , ε, υ ι, ε	4 . 3	4.5	4.5	, e Flack	54.5	÷ 1,			4.5	4	
≥ 14000 ≥ 12000	4 . i	5 · · · · · 7	31.7	3.5 . 7	25.5 87.7	5.c	35.3 82.7	7 . 7	35.4 28.7	35.0 90.7	€ 2 5 . 7	5 . T		. 7	· · · · · · · · · · · · · · · · · · ·	· .
≥ 10000 ≥ 9000	1.	1.0	91.3	1.7	97.7	71.	91.0 32.3	71.5	1 0	91.9 52.3	51.0 2.3		41.0 0.3	1.9	7	·: ,
≥ 8000 ≥ 7000	3 . 2 . /	- 1 13.5	9 . 6 6 . 9	Ω	7.4	3 • ·	93.4 93.9	7 ° 6	,	93.4 93.4	27.5 93.7		. 7 . A	3.4 3.7.5		-
≥ 6000 ≥ 5000	€.	5.	95. 89.7	5 to 2	90. 90.	95 • 4 19 • 4	95.0			93.€ 94.€9	90.0 90.1	55.8. 55	64. r	90.	94.	
≥ 4500 ≥ 4000	7 🍨	41.24	70.4 101.	1	97.6 137.0	.a.a 172•3	50.4		10.4 1.7.1	99.4 136.5	ြင္း •ုပ	ភ្ក•្ម 177•4	^.4 1^_•?	37.4 130.0	्र्य. a 10⊃•∩	1 1 1 1
≥ 3500 ≥ 3000		4170.7	107.0 107.0	151.0 166.0	125.0 170.0	170.3 170.4	1!0.0 155.0	1	1 1 7 • 7 1 7 7 • 7	170.6 170.6	100.3 100.3	10	1	1 10.	100 n.5 100 n.5	1
≥ 2500 ≥ 2000) • 	41 0.5	100.0	100.0 100.0	1 1 1 . 7 1 . 1 . 1	1 0.2	160.0	177.3 17.5	197.5 193.7	1.5.0 170.0	160.0	177.5	11.7.5	177.		: 1
≥ 1800 ≥ 1500	•	1	1,0.0	101.0 100.0	190.0 1 0	177.3 173.3	100.0	1 10.0 1 1 5	167.7 187.7	133.5 133.6	100.5 100.5	17.5 • 7 17.5 • 3	100.0	1 12.5 1 20.5		1
≥ 1200 ≥ 1000	9. 9.	41	137.5 107.0	112.0	150.0 100.0	1 0.0	107.0 100.0	17. •5 17. •7	130 .5 133.6	103 10t	100.7 167.0	100.0 171	105.0 107.•0	100.5 10.5	ាល់កំ∙ក់ ាសក•ក	1 -
≥ 900 ≥ 800	6. 6.		107.7	1	10.0	1 0. 1 3.	1:0.5 1:00.0	1 "		113.0 133.0	197.7 198.0	105.3 11.61	100 • 0	176.3 173.3	125.5 125.6	17.
≥ 700 ≥ 600	0	1 10.0	130.5 130.5	1 1 . 0 1 1 3	122.6 130.0	1 3.3 148.0	1 17.0 1 40.1	1 • . 1 • .	1	1 0.5 130.5	117.0 177.0	ī∵ • } 1∈3• }	1	1 70 • 1 7 • 1	107.1	1 ^ 1 ^
≥ 500 ≥ 400		1.0.	100.0 100.0	101.43 100.3	130.0 130.0	170.2 170.0]/ ∩.3 1.41.0j	17. •3 19. •3	1	133.2 133.2	1 : 0 • 7 1 : ^ • 7	1 •		1		1
≥ 300 ≥ 200	4, 6,	1	100.0	176.0 176.0	100.0 100.0	170 170	100.0	171.0 175.0	177.0 177.0	100.0 175.0	150.0 107.0	137.3 197.0	1	<u>1</u>	100.7	1 1
≥ 100 ≥ 0	Ι Q , !		151.0	1 ~ • 0	100.0	. J.S	10.0	1 65	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		188.7 185.8	100.0	100.0	1 5 5 6 5 1 0 0 • 0	130.8 160.8	15

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST	ATUTE MIL	.ES)						 .
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11 ₃	≥ 1%	≥ 1	≥ ¾	≥ 46	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 29000	34.		71.	74.	74 .5	74.1	74.5	74.00	74 . f.	74.5	74.5	74.5	74 e	74	74.5	74.
≥ 18000 ≥ 16000	• 3	5.7	8 . 71	. 3	8 7.	3	81.3 51.7	. • ś		10.3	e; . 7	6 . I	30.7	. 7	50.7 50.7	
≥ 14000 ≥ 12000	1.	1.0	31.f	1.6	61.0	1	21.5 24.5	-1.t	71.1	104	61.6 34.5	11.5	1.	1.	1.	1
≥ 10000 ≥ 9000	7	39.	5	- 2.0 5		3	37.	10,	90.0	89.0 39.0	89.3 99.5	8 v • ∴ 8 v • ∴	•		- 19 7 • 17 - 10 • 10 • 10 • 10 • 10 • 10 • 10 • 10	3 .
≥ 8000 ≥ 7000	, ,	1.7	2.7	1	9 .7 91.0	1.	90.7	20.7	71.7	37 41.3	90.7 91.5	97.7	7.7.7	1.	0.7 21.0	-1.
≥ 6000 ≥ 5000	92.6 35.1	92.9 98.7	7 . 7 7 . 7	. 7	2 1 . 7	- 7	9.7	73.y	,	92.5 95.7	97.9	9.07	7.0 7.7	13.7	52.7 21.7	
≥ 4500 ≥ 4000	7 . 7	97.4	99.4	71.4 77.7	92.4 92.7	9.4	75.4 .5.7	99.4	10.7	29.4 99.7	99.7	9 . 7	50.4	99.4 39.7	57.4 09.7	9
≥ 3500 ≥ 3000	વકુ - જે	9.7 (9.7	99 .7	99.7 100.0	92.7 11.1.1	79.7 170.0	५०.7 107.8	19 .7 Tii.a	39 .7 100.0	99.7	150.7 150.0	73 • 73 17 • •	 1 · · ·	39.7	19.7 14/-7	`συ,γ Αξιοπ
≥ 2500 ≥ 2000	9.7 5.7	09.7 04.7	10".0 10".0	188.8 189.8	150.0 183.8	70.3	1 0.00 101.0	75.5	1. 7. 1 1: 3. 7	133.J 135.3	1⊍ា•្រ 1(ក•ក	1	1		127.7	1 •
≥ 1800 ≥ 1500	70.	7 . 7	10 % 3 121.5	170.0 178.8	130.5 135.0	1 nd.5 1 n g. 8	100.0 100.0	100.01 100.0	1 3.7 137.7	153.0 15.0	122•0	151.5 17.65		1 · . 1 · .	1	1 • :
≥ 1200 ≥ 1000	10.	99.7 99.7	107.5 100.5	139.0 130.6	100.00 100.00	170.7	190.5þ 190.6þ	เก≱•6 เปื•ย	100.0	1	100.00 100.00	15 •3!) <u>61•6</u> !	101.0 107.0	1 0.1•6 <u>4 22</u> •8,	1 0.0 100.0	101.0
≥ 900 ≥ 800		19.7 10.3	1/2 · D 1_3 · D	170.0 175.3	177.7 177.7	1 3.3	1 an•oµ 1 tn•oµ	100.01	1.5.5	1 10 0 1 10 0	1 9 1	1 • • • • •		1:0.3 1 <u>13</u> .3	137•€ 135•€	1
≥ 700 ≥ 600		99.7 99.7		173.0 173.0	150.01 100.0	0.0 1.0.0	160.n	170.5 171.5	1 7 . n	130.1 180.1	1	•		16.•3 1 <u>75</u> •_,	101.7 } <u>101.7</u>	1 ° • 1
≥ 500 ≥ 400	•	79.7	107.0 107.0	100.0 100.0	192.01 195.51	100.0	150.6þ	nt • 0	100.7 137.0	130.5 138.5	100.5	177.	1		∄ Un•n ∄y n•12	
≥ 300 ≥ 200	· ·	,9.7 9.7]an.s 137.g	150.5 152.5	100.0 100.0	1 10 • 1 1 10 • 1	100.0) 100.0)	170.0 170.0	105.5 135.5	190.0 195.0	100.0 110.0	10 (• 0) 10 0 • 0		1	3 2 3 • <u>1</u> ,	17: •:
≥ 100 ≥ 0	19 • 1 19 • 1	:5.7 :9.7	107.5 187.5	111.5 110.6	100.0	1 0.5 1 0.0	1	ina.a ina	100.0 1∪3.5	100.1 100.0	100.0 100.0	inn•n! <u>inn•</u> J	100.5	170.0 170.0	101•3 100•8	1 1

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		····					VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	. ≥ 3	≥ 2½	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5-16	≥ .	≥ 0
NO CEILING ≥ 20000	2 • 1. 5 • 1.	2.1	3 '• ',	56.42	i 24		१. व	47.0	ا ع	90.0 36.0	1 0 0	27.5. 5.65		7.0	7,2	•
≥ 18000 ≥ 16000	· 1	5.3 5.3	ر. ه. د د ه د د	Α:•2 :•5	िर • है। 2 0 • अ	6 . t	25.5 65.2	اع ري اع و ت	, f	30 . £ 56 . €	Ξć•" ξ ε •]	• 5 • • 3	. 5) 	1: • °		
≥ 14000 ≥ 12000		7.	37.5	7.5	1.5	7.	37.9 51.2	37.g	-7.¤	97.5	67.a	67.4		7. 51.0	:7.4 91.1	
≥ 10000 ≥ 9000	1.0	22.6 22.6	97.4	97.9	G 7.		0.5	7:02	ا الله الله الله الله الله الله الله ال	3.0	. , ,	3,05	• • • • • • • • • • • • • • • • • • • •] • : ,	7.	• -
≥ 8000 ≥ 7000	3.4		74.0	14.0	· · · · · · ·	4 . 2	44.5	14 - 5	24 g F	-4.7	94.0	94.5		04 • 6 - 04 • 6	્ <u>રથા ફ</u>	: 34. L <u></u> 4.6
≥ 6000 ≥ 5000	· · · · · · · · · · · · · · · · · · ·	76.	96.3	9:•3	5: .7	6.7		76.6	9: 7	36.7	95.7	76.6 <u>33.7</u>	۰۷۸۰6 ۲ وستار	76.5 -2.7	26.4 7.62.7	, ,
≥ 4500 ≥ 4000	E - 3	-3.7 -7	95.0	30.3	97.7	19.1	99.3	7 . 7	79.7	9 • 5 9 • 6 7	39.7	99.7	. sp. 7	9.3 29.7	90.7	
≥ 3500 ≥ 3000	00.T	۱.•٥٠ <u>د و ۲</u>		9.7	199.7	9 • ? 1 ′ 3 • •	95.7 107.0	1 - 0	1070	19.7 1:0.0	1		1•		150.7	1
≥ 2500 ≥ 2000	5.	<u> </u>	9° 7	79.7	17.00	[0 • 0 [50 • c	100.0	200		101.0		10 _ 0 _ 1		1	jrn. ina n	1-
≥ 1800 ≥ 1500	Q . 3	9.3	27.7	59.7 5 6.7	1	3.7	150-7	• •		150.0 150.0	1 5 6 • 6 1 5 6 • 6 1 5 6 • 6	100.0	157.7	100.	107.5	13.
≥ 1200 ≥ 1000	6 • t	· · · · ·	93.7	94.7	100.0	D	1		5.7	103.		1 0		20.0	100.1	1
≥ 900 ≥ 800 ≥ 700		ر د و و	99.7	69.7	100.0	20.	100.0	0.0		1 15 - 0	100.7	100 a		1 <u>20</u> • 3)	1
≥ 600	g.	0	93.7	45.7	100.0	100.0	107.0	100.5	0 - 00 -	173.0	107.0	100.0 100.0	1 - <u>^</u>	150.5	1	17.
≥ 400	30.7	9 • 3 29 • 3	97.7	69.7	1 1 ~	0.0 0.0	13:00 12000	170.0	130.7 137.7	173.8 185.8	101.0 100.0	10 \0	1		132.5 130.5	1 - 1
≥ 300 ≥ 200 ≥ 100	6.4	97.3	92.7	79.7	1 •	1 1.0	150.5 150.0	1 .0	137.7 137.7	100-0	125.5 127.5	120.0 171.0	167.5	100.0 100.0	100.5 101.5	1
≥ 0	0.5	79.5	97.7	. 7	100.7	1.0.3	100.3	<u>1 · </u>	1 7.7	130.5	1	100.0	101.0	150.0	100.5	11 - 7 -

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ %	≥ 4,	≥ %	≥ 5/16	≥ '•	2 0
NO CEILING ≥ 20000	7	7.	, ".	• •	3 7 6 7,	7.1	57.7	7.7	7.7	3.7.7	, 1.c	27.5; 57.7	7.7	7.7	7.0	· ;:
≥ 18000 ≥ 16000	7.4	7.7	37.	7.7	97.5 97.0	7.3	,7.8. .7.3	7.5	7.0		7 7 . F	2.7.5. 2.7.3	7	7.0	7.7	· ;.
≥ 14000 ≥ 12000	• •	· · · · ·	3° 0	• 5	71.	1	91.4	1	1.	î . 1'	91.	21.3	7	1.	7	•
≥ 10000 ≥ 9000	10 ° 7	• 7	97.	* 3 • • •	91.1	3.5	2	3.0	23.6	93.6	93.6 97.1	\$ 3.5 9 3.5			िंद् केंं ०क्र	•
≥ 8000 ≥ 7000	4	4	94.4	4.5	7.0	5 • U. 5 • U.	95.3	5 • 5		3	25.00 25.7	9	45.5 5.5.₹		i (E •Ωi •5•€	•
≥ 6000 ≥ 5000	7 • 1 5 • 4	5.7	90 . 4 95 .	5.4	90 . 4 5 . 6	6.4	95.4 37.6	^t • ₩	1 A . E	35.4 06.	94.3	96.4. 93.4	9 . 4		14 <u>6</u> 4	•
≥ 4500 ≥ 4000	-	• t	9 .7	~• c	50.	?. 9.7	79.7	29.2	7.7	** . 7	99.7	74.2	7	* 700 + 1 * 0 6 • 7	. Q . 7	
≥ 3500 ≥ 3000	7	7	7	77.7	50.6	9.7	43.	ि रे• क `१• ह'	3 0	19.	\$9.0	39.A		77.	€ 0 90 . 3	•
≥ 2500 ≥ 2000	,	7.7	9	34.5	93.9	9.4	97.7	33.9	5 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	79.7	90.0	-9.5	77.0	74.4	74.9	•
≥ 1800 ≥ 1500	i i	7 7 7 1 0 8	93.5	10.0	37.7 188.0	7.5 1 '3.5	52.9 [(!.5]	77.9	70 € 0 100 • 0	76.6°	90.0 50.0	79.3 100.01	ەرتى مىرى	•	, s , n	
≥ 1200 ≥ 1000		9.00 39.00	1	ر اد م	11.0.0	73.5	:un•:1 :un•:1	- 5	1::"•P.	105.0	ໂພດ•ີ. ໄດກ•ວລ	i(ñ.e Log∙u	[] Ā.Ā	1	: ^.r :07.4	j .
≥ 900 ≥ 800					1	0.	167.1			174.0; (0.0)	[55] [45]	171.3		โก๊อโก่ โปปและ	107.0	1
≥ 700 ≥ 600	•	5 · 1		10.6	1	1 3		1.01		113.0	1.0.0	1	• •	1	105.	
≥ 500 ≥ 400		9		1	1	3.0 3.0	1 0 0 0 0 1 1 0 1 0 0 1	7. J	30.0	1 2 3 6	1.5.1				115.1 116.5	
≥ 300 ≥ 200		७ ।	100.0		100.0					137.1		1 .			ร์ เป็น ไ ก้ 1 วก•ถ	
≥ 100 ≥ 0	7	-	1		1		1	٥٠	3.5	1000	0	134.			105.5	

TOTAL N	IMBER OF	OBSERVATIONS	

CEILING					·		VIS	IBILITY (STA	ATUTE MIL	ES)				· -		
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 114	≥ 1%	≥ 1	≥ 3,	≥ %	≥ 'a	≥ 5 16	≥ 4	≥ o
NO CEILING ≥ 20000	1 • 1	· ;	!		1.7. ni	`D.:	107.0 101.0	1 1 3 • 5 1 1 5 5 • 5 1	77. 77.	104.5 104.5	187.7 182.7	17.		•		:4
≥ 18000 ≥ 16000		u. 1	lu •li Iom•ni			u g.∵,	1	10.00 10.50	\^^•°	 :::::::::::::::::::::::::::::::	163.d		107.0	.0	107.5 115.5	j. J
≥ 14000 ≥ 12000	1 . 1	: • ! : • : !	101.00 101.00			13. 13.0	1:n.: 1:6.n	1		11.0.7 175.1	159.7 150.7	1 10.0	1. 1	•	130.	1 ·
≥ 10000 ≥ 9000	: "• 11 ! • 11	5. 5.	10 .04 14 .01	.cc.oji .c	50.01 50.01	10.0 10.0	1.0.5 130.5	1 ''		1 10.5 1 70.5	157. 156.5	1 1 0 0 0 1 1 1 0 0 0	•	•	163.7	
≥ 8000 ≥ 7000	1 .7 • 11 1 .7 • 11	15.네 1 <u>2.대</u>	107.5∭ 137.5∭	. 0 • 01 1 • 0 1		10.0 15.0	150.0 185.0	1 ** 1 ** 7	20.0 20.0	1	100.7 100.5	165.13 1.465		•		
≥ 6000 ≥ 5000	1		101.01 101.01	. 5 - 1 1 5 - 1 1 1 1 1 1 1 1 1 1	00.54 00.64	(i) (i)	15 .7 157.7	1		177. • : 177. • :	101.0 101.7	199•.) <u>199</u> •.)		ئان• ر• <u>ال</u> ا		1
≥ 4500 ≥ 4000	1 (.d) 1 (.d)	"ຄ.ຄ! <u>"ຄ.ຄ</u> !	100.00 100.5 1		១០.៩ឯ <u>១៤.៩</u> ឯ	10.0 10.0	107.0 107.0	1 7 0 • 0 1 1 7 0 • 0 1			1 5.6 • 1 1 9 7 • 1				1_7.	1′ • 1 ` •
≥ 3500 ≥ 3000	'	.0•31	101.5 1 <u>:31.5</u> 1	.03 .01 .01 . 04	21.011	73.0 0.0	100.5. 105.7	1 7 . 3 1	57.1	i 1000 1 1001	100.0 110.0	100.0 100.0			:.^• : <u>_</u> ^•^	10 • 1 •
≥ 2500 ≥ 2000	: (• 1 ! [•]!	C • G	107.01 107.01	.0 .01 .00.01	. 01 112 <u></u>	70.3	1	1730 <u>175</u> p	`•^` <u>-^•</u> ^;		1	1 102• :	l'``•'; ! • _]	• •	107•6 100•6	1
≥ 1800 ≥ 1500	1 1	"5 • ↓	1 4 7 • 01 1 4 7 • 01		. 1 • 61 31 • 51	_0.0 _0.0	15°•0 15°•0	1 7 7 • 0!! 1 1 • 0!!	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1] (100.00 17:00	1	l ny •u. L ny •∫:	:ບ າ •າ ເດຸ•າ	1
≥ 1200 ≥ 1000	1 - 1	0.	190.01 <u>190.01</u>			73.5	107.0 107.5	177.01 177.01		الوالية الوالية	12.	100.01 100.01	1		140•7 142•7	17
≥ 900 ≥ 800	• 11	C • (13 '• 1 15 7• 0		ران. ا <mark>ن و رو</mark>	70.	1.1.5.5	17.51		1 10.0	107.0 100.7	100.70 170.7			107•0 1 <u>0</u> 0•0	1
≥ 700 ≥ 600	1 7 • 1	70 • J	10 . cl	1 6 6 3 1		. 10.0 . 10.0	150.0	17.00	7.0°C	1 200	1	170.0	•	<u>.</u>	163.1	1
≥ 500 ≥ 400	1 11	16 • 1	107 • 71	10.01		70.0	16.7.5	100.01 100.01	•	1 2 • 0	100.0	15'•3			រប្ប•ា រដ្ឋ•ា	
≥ 300 ≥ 200	2.71		10 1 • 31 13 1 • 31			:0.6 :3.3	160.0	1 01	<u></u>	1 70 • 7	100.0	100.0	100.0	0.0	107.5 107.5	
≥ 100 ≥ 0	1.0.01	16 • 5 16 • 7	100 - ମୋ 155 - ମା	(00.01 00.01	:3•0 C•@∩	1		ות•נוט: ת•נוט:	100.3 135.3	130.0 100.0	196.ep 196.ep		lilo ∤ Long• j	150.1 19 1. 1	i .

TOTAL NUMBER OF OBSERVATIONS

F 1 1 1 9 1.1 STATION BANK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		_					VIS	IBILITY (ST	ATUTE MIL	ES)				-		
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21⁄2	≥ 2	≥ 11/2	≥ 0%	≥ ւ	≥ ¾	≥ %	≥ %	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 20000	1 0.01		11 • f	ر • د ان • ب	1ε 153.	170.0 1 0.6	10 1•7. 107•0	1 /	107.7 107.7	195.0 185.0	າປາ•ດ 188•9	187.3 185.5	7 ° ° ° .	0.0	200.0	
≥ 18000 ≥ 16000	1 7.01	10.5	າປະເທດ 10ກະນ	1 (.b	107.0 107.0	1/0.5 1/0.5	:00.n :00.J	1 13.5 1 10.0	133.0 137.0	135.8 175.8	107.5 167.7	100.0	00.5 01.5	100.0	107.7 107.0	1
≥ 14000 ≥ 12000	1 0.01 1 0.01	70.3 70.3	180. 180.0	100.0 100.0	103.0 153.0	1/0.9 1/0.5	140.0 149.3	102.3 10:3	1	100.0 100.0		175.0 1 5.0		10.0 0.0	107.0 107.0	13
≥ 10000 ≥ 9000	1 0.01 1 0.01	10.5 53.0	101.0 153.5	100.0 100.0	100.0	170.8 170.3	160.0	l	1 :0.0 100.0	: f a • 6 1 `` → 3	103.5 108.6	197.7 199.8			5 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1 •
≥ 8000 ≥ 7000	1 0.71 1.6.71	73.7 05.7	197.0 197.3	100.0	100.0 100.0	1~0.5 1 <u>10.</u> 5	100.0 100.0	173.0 175.0	lan•r lan•g	1	1 "5 • C) 1 • 2 • 2)	100.0 103.5			a: n.n 202•:	
≥ 6000 ≥ 5000	1 0 • 11 1 • 0 • 11	70.0	10 .c. 100.n	lf .0 lf:.0	1 170.7	170.0 170.0	180.5 180.5	10:00 10:00		178.7 132.5	100.0	100 . 0	155.6 155.0	10.1 10.1	1 1 5 • 1 1 • 1 • 1	1
≥ 4500 ≥ 4000	1 0.01 1.1.01	اد ماد <u>را مور</u>	100.0 100.0	17∵•3 157•¤	100.0 105.0	170.8 170.8	100.5 100.5	177.0	120.5	132.9 190.0	160.6 <u>180.</u> 6	18 1.0 185.4	. ~ . 5 <u>. ~ 7 </u>	100.0		1 "
≥ 3500 ≥ 3000	1 (1) 1 (1)	.0 • 3 ;0 • 5;	10".0 13".0	103.3 173.0	190.0 190.7	175.8 175.8	100.0 100.3	173.9 118.9	188.5 189.5	176.0 176.0	100.7 100.7	100.3 107.5	11 • 1. 1. • 1.	1	հնՊ∙Ր Է⊒Չ•≎	h ~ · · · ·
≥ 2500 ≥ 2000	1	75.0	101.0 101.0	100.0 100.0	190.0 190.0	100.5	100.0	100.0 100.0	133.5	173.0 176.6	100.0 107.0	175.0 <u>175.0</u>	1 .	1 10 • 1 15 •	120.7 :01.	100. 100.
≥ 1800 ≥ 1500	1	70 • i	100.0	1 0.0 1 0.3	150.0 150.0	170.J 170.J	100.9	100.u! 100.u	100.0 107.0	133.0 175.0	190.0	100.0 100.0	15"•5 2 <u>"</u> •5	1 n. 10n.5	្តី ។ ។ ។ ព្រះក្រុក	, ^ · • `] ^ · • `
≥ 1200 ≥ 1000	1 1	70.1 10.0		179.8 175.8	137.4 137.0	1 3.0	100.0 100.0	100.0	102.n	100.5 100.5	105.0	100.0	107.6 107.9	1 0.0 1 <u>7</u> 0.0	100.0 100.0	17
≥ 900 ≥ 800	1	10.0	1	177.0	160.0 170.1	1 0.3	198•8 198•5	1	1 ^ - ^	1.3.5	15.5.0	100 • 1. 100 • 1	1	1	190•n 195•n	1
≥ 700 ≥ 600	1 5 • 71 - 2 • 71	0.0°	107.0 197.7	100.0	100.0 100.0	1 10.0 1 19.0	100.0	1 0 0	10 - 0	1 . 3 • 6 1 0 3 • 6 1 0 2 • 6	100.5	1 2000 10001			i	
≥ 500 ≥ 400	1 • 1 1 • 1	00.0	133.0 137.0	1 ∵ - 0 1: 0	100 m	1 0.0 1 0.0	100.0 100.0	1		170.0 170.0	132.7	100.0 100.0 100.0		1 21 0 0 1 21 0 0		4
≥ 300 ≥ 200	1 2.1	0.01 0.01	100.00		1.0.1	1 0.0 1 0.0	107.0			179.0	100.0 160.5	107.0 107.0	1	1 2 2 • 5 1 2 2 • 5	150.0	
≥ 100 ≥ 0	1 0.91 150.01		10 .n 10)•0	185.5 185.5	15	1 10 • 0 1 10 • 6	160.5 130.6	1	1 1 0 • 0	1 35.0 135.0	107.6	10E+11		1 ()	1. 7. 41	1

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	LES)			,			
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	ביו ≤	≥ 1%	≥ 1	≥ 3,	≥ 46	≥ %	≥ 5/16	≥ ′.	≥ 0
NO CEILING ≥ 20000	7.	7.	37.3	7.2 34.2		7 , 2	%7.5 62.5	• 2)	~7.~	37 •	7	7.0	7.7	7.	7.	•
≥ 18000 ≥ 16000		19∙∺ .9 <u>0•5</u>	გი.≃ 9 .5	30.8 55	ري. اعد		34.4 97.5	ان و د د د اد و د د	30.0 20.0	a	\$7.5 90.7	15.1 15.5	• 5		`⊭^.∢` .?? <u>.</u> §	• •
≥ 14000 ≥ 12000		ام•۵ء اد•دد	93.	9.00	9 . e	3.	97.5	7	91.0	90.03 93.8	9 6	91.0	* • • • • • • • • • • • • • • • • • • •			- •
≥ 10000 ≥ 9000	- 4 - 6	56.7 5.7	36.7 36.7	46.7	50.7	6.7	36.7 36.7	· · · · 7	/ • 7 /5 • 7	95.7 98.7	96.7 95.7	76.7 76.7	. 7		· · · · · · · · · · · · · · · · · · ·	• 7
≥ 8000 ≥ 7000	€ • 4 • 7 • 4	7.7	79.7	77.7	7.7	7.7 5.7	97.7 90.7	7.7	47.7	95.7	97.7	97.7	~	17.1 15.7	7 • 7 - • 7	7 • 7
≥ 6000 ≥ 5000	7.4	2.7	75.7 75.3	09.3	99.₹	9.1	75.7	6:.1 6:.3	90.7		99.03	90.3 90.3	· 7	·	, , , , , , , , , , , , , , , , , , ,	
≥ 4500 ≥ 4000	9	y • 7	94.7 	111.3	97.7 137.7	9.7	99.7 130.5	17.0		153.7	96.7 116.0	1000	<u></u>		1	
≥ 3500 ≥ 3000 > 2500			101.0	100	150.0		102.3	00.0	, , , ,	100.0	100.0	17'• 17'•				
≥ 2500 ≥ 2000 ≥ 1800			100.0	150.0	107.9	173.0	100.0	100.0	7	100.6	1	1				
≥ 1500 ≥ 1200	- 7	1 2.	າຄາເດີ ໄປໄວ້ຄວ	170.3 170.8	100.0	170.0 173.0	100.0	170.5 170.6	183 . 1	100.3	10 °7	10 -5 100-5		i 1	:(^.r 100.n	1
≥ 1000	3 <u>- 1</u>	1 .	107.0	176.6 1.5.8	197.0 199.0	150.t	100.7	10.00 10.00	100.0	<u>194•</u> 8 198•8	160.0	101.3 161.3	1	105.7 130.1	190.0 100.1	177.5
≥ 800 ≥ 700	- • 7	1	130.7 135.3	1 00 • 0 100 • 0	1/0.0 1/7.7	170.0 1 0.0	103.7 138.3	1 7.0	1 . 7 . 7	18 0.5 180.8	168.6 178.8	137.07 17.00		$\frac{107}{100}$	100.0 100.0	1 1 • 1
≥ 600 ≥ 500		170.0 175.0	157.5 103.0	171.3 186.9	100.9	1 70.0 1 70.0	100.0	1 10.0	150.0	192.0 182.3	15 7.0 100.7	171.7 180.7		1 7 - 7	177. 137.7	1~ •
≥ 400 ≥ 300 ≥ 200	- c	1 10 • q	107.0 105.0	171.0 171.0	100.0	170.0 170.0	100.5 100.5	173.6 173.3		100.0	100.0	100.0 100.u	1/		! ທູດ. ກຸ ໄປຊຸດ	10 •0 10 •0
≥ 100 ≥ 0	2.7 2.7	1 0 . 0	157.0 157.0 157.0	170.0 175.0 175.0	1	113.0 13.0 13.0	140.0 180.0 185.0	1 70 • 6 1 70 • 6 1 7 5 • 6		10.00 100.0	100.0	155.5 155.5			1 ພຸດ.ດ 12ຄ.ດ 138.ດ	

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	HBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 114	≥ 114	≥ ;	≥ %	≥ %	≥ 19	T = ≥ 5 16	≥ '.	≥ o
NO CEILING	•	٠,	1 -		•		5 4 • C	•	: ••2	1100	1.	7	•	•	77.	•
≥ 20000	1.1.			-			7	أعث	3.3.6	<u> </u>	; ; •	• • •			•	. •
≥ 18000	• 1 •	4 2 ·	70.		70.6		y			7.00	•	19 🔸	• *	•	~ •	
≥ 16000	1	. 12 <u></u> .	2		5 7	<u> </u>	<u> </u>	1.03	7		2.	<u> </u>		•	•	
≥ 14000	. 1	2.1	4.1	• •	* 1	3.1.	y ? . !	7.1	• 1	73.1	9.	• 1	• 1	• 1	* . 1	· •
≥ 12000		4 •	<u> </u>	- ·	54.	4.	64. 2	74 e	74.0	74.	9400	44.	•	. * • • • .	••	. ••
≥ 10000	· · ·	7 . 1	27.1		97.1	7.1	.7.1	7.1	7.1	77.1	97.1	77.1	• 1	7.1	-7.º	
≥ 9000	. 6 . 1.	. 7 e ì	9 7.1.	7.7.1.	1.1	7.1	,1	7.1	- 1	· 7 . 1	07.1	7.7		7.1	, 7 . 1	· · · •
≥ 8000	7	.7.7	7.7	17.7		7.7	97.7	77.7	77.7	97.7	97.7	-7.7	7	7 . "	7,7	
≥ 7900	16.7	57.7	97.7	7.7	7.7	7.7	37.7	27.7	47.7	97.7	37.7	.1.7		17.7	77.7	27.
≥ 6000	7.1	78.	30.	77		ι) •	•		5.5.	•	•	7			ាត្រ	
≥ 5000	- 4	5 4	5 .4		9 .4	5 . 1		. 4		74	9 - 4	3 .4	· . 4		. 2 . 13	- · ·
≥ 4500			91 . 7	- 7	. 7	e . 7	31.7	7	. 7	10.7	7 . 7	7	7	• ,	. : 7	•
≥ 4000	7	0.7	٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠	6 (7	9 7	ا ت _ زي	99.7	. 7	3.7	14.7	40.7	7	: 1, 7	9.1	77.7	3.7
≥ 3500	-	<u> </u>		1.5	1	7	-	1		¥		<u> </u>	h	,	,	t,
≥ 3000			1	i .			1000	i		, <u>.</u> 1 :	10-1-	1			73 ×	
	•		5 = = =			0.7		1 7 7 7			-	1	,		; = ,, <u> </u>	1
≥ 2500 ≥ 2000		4 d ■ 1		1	•	1 10 . 1	4 - 0 - 0	100.0		1 7 7	1		,	3	, , .	1 '
1				1	4	1 -2	-		1		<u>.</u>			•	• • •	
≥ 1800 ≥ 1500	•	1	1							يت. الاستارا 1 - الا	alio • generalio	1 ·	,	,	•	,4. • →
+	•		***	<u> </u>	• • •	1 5 .	<u>4 − 2 • 11.</u> 1 • 0 • 0	휴고 : 호텔		• .		•	• ~	1		
≥ 1200 ≥ 1000	•							. • J			11 • .		gi e Herri	ید است. اینان	, U . • · ·	μ
		<u> </u>	4		• • • •	•	<u> </u>	وسفية برافح		<u> </u>	ي ٩ ويد في	. .	, , , , , , , , , , , , , , , , , , ,	. •	• • •	, i
≥ 900 ≥ 800	•	'i• ,	1	1 7 . 0		1 0.0	J (_ • - 1		•		1.	•		1 10 0 0. 1 0 0 0 0 0		.1 •
	* •	1	1			<u> </u>	<u> 1 U</u>		•	<u>i /u • :</u>	1 · ·	<u>.</u>	-	d		.i •
≥ 700	•	i . • 🗅	10 •	• •	1 .	1.00	`• `	اب و ا		نگ ناد ا	1	.1 •	•	4	•	
≥ 600	•	1 3.	17.	155.5	1 ' '• '	1 . 0 . 0	1	• -] • · ·	173.	1 - 1	•	<u> </u>		•	.1
≥ 500	· · · · ·	1	! " • "	177 • 3	1 • 1	: "D• /	196 • N	7 1 1		[1.3℃ • 1]	1 4 (• f)	1	? · . · · · ·	1	[•],	1 .
≥ 400	` •	1 005	107.7	•	1	1 ^3.	100.0		1:3.	11000	1	1•	ļ (•)	J (2.)	'	
≥ 300 ≥ 200	- •	1 0.3	100.0	10.00	177.	1:0.~	100.0	1 2	1.70•0	136.r	1500	177.0	1	1 D. J	• ^•	1 .
≥ 200		173.0	10 0.00	150.0	1	.1.3.0	1	1	107.0	: <u> </u>	1	1 :	11	2	: 7•7,	
≥ 100	· ·	1.3.5	100.0	171.00	100.0	170.0	100.0	1 10 .0	1.7.1	100.0) (.)	100.	1	1	•	h .
≥ 100 ≥ 0		1 1	1	1000	1		151.49	1	ام• من	103.0	1	1	h:	10000	1000	1

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (STA	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	ביו בַ	≥ 11.	≥ 1	≥ 3.	≥ %	_ ≥ %	≥ 5/16	≥ .	≥ 0
NO CEILING ≥ 20000		3.	37.7	3.3		3 • -:		y	, ,			7.3				
≥ 18000 ≥ 16000			ر . ر		4	•	5		<u> </u>	, ,	3	9•				•
≥ 14000 ≥ 12000		40.	7.		64 e	4	42.65 94.65	14.0	7 # C	74.		City .	94.			
≥ 10000 ≥ 9000	6.4 7	7.	97.1	7.	7 . 7 - 7 . 1	7.1	97.1	7	• 7	5.07 -1.1	7.1	7.7.1	, 7 , 7 , 1	7 . 1	7.1	•]
≥ 8000 ≥ 7000	7 • 1 7 • 1	7.4	97.4 97.4	7.4.	7.4	7.4	7.4	7.4		-7.5 -7.5	57.4 57.4	7.4 7.4	7.6	7.4	77. 37.4	
≥ 6000 ≥ 5000		93.4 60.7	95.4 96.7	. 4 . 7	7 . 3 2 . 7	9.4	7 . 4 9 4 . 7	• 4 • 7	. 1	'2 . 6.	3 3 4	09.7	, 4 . 7 . 7	77	7,7	
≥ 4500 ≥ 4000	• 1	ファ。デ 1・ []	7 7 7 . ^	7	• 7	9 • 7 2 • 5	7.7.7 1.5.5	7 • 7] 1 • درا	· · · · · · · ·	14.7 1.0.5	90.7 110.0	1 -7	11	1	177	
≥ 3500 ≥ 3000		: 1.00 il 1.00 <u>il</u>	(gr) (gr)	17 ಕರ್ 1 ಸಕ್ಕಾ			13.	1		•	105. J	1		1		1
≥ 2500 ≥ 2000	• *	1 • 11 1 • 11	.J~.C [0	1 • 6° 1 • ⊍	1 (* • ^). 1 / ^ • ^!	. ~ • . ! ~ • • }	lur.o. Lub.o.	1	. ~ ^ ^ ~ ^ ^	179.5 170.5	1	1 • 1 • •	1	1	(*************************************	1
≥ 1800 ≥ 1500	, , 7	1 (•]] 1	•	1 • J	1 • 1	1 3 • (160.0 121.0	1 • 5 ¹ 1 1 • 5 ¹ 1	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 • . <u>1</u> •		1 ~ . • 7 1 ~ •	1 1 1 • 5 1 • 1	1 .		•
≥ 1200 ≥ 1000	•	1 [] 1 []		1 • J	1	3.	! 1	1 • 1 1 1 • • 1		190•0 199•		1	1:7.7	17 . 15 • 1	:00•6 :00•7	1 .
≥ 900 ≥ 800	, , , M	1 • 1 1 • 1		1 •			1 0 1 • 1 <u>0 7 •</u> 7			1	100.0 100.0	1 .	167.6 1 7.0	171.4 177.4	107•1 107•1	1 •
≥ 700 ≥ 600	· • · · 	1	10 7 • 0 10 7 • 0	1 •		1 't 1 '7	1 7 • 3 1 • 0 • 3,	1	` . · ·	1 10.07	1	1 7	1 7.5 11.5	1		
≥ 500 ≥ 400	• न • 7	1 . 1	ر ر راد 1 و	1 • J 1 • J		! ^3•3 ″ຍ•ມ	100.0 100.0	1	37.n	1 du • 1 du • v	1 2.7	1 • 1 •] 1			
≥ 300 ≥ 200		1 / • 1 1 U • 1	31.0	1	1 (*) • () 1 () • ()	. TD • ()	105.0 105.0		_ !	199.0 188.0	131.7 130.7	101.0 101.0	1 7 • 5 1 2 7 • 7	1 ·	1 ១ភ•១ 1១ភ•្ជ	17 • 5 17 • 5
≥ 100 ≥ 0	اج ن ح		55.1 51.5	1 mn.J		1.5 5.6			7.7			101.7 101.0	1000		15.7.5	1 • <u> </u>

TOTAL NUMBER OF OBSERVATIONS

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HOURS ... 5 T

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 112	≥ 11.	≥ 1	≥ 4	≥ 4,	≥ 17	≥ 5-16	≥ '•	≥ 0
NO CE:LING ≥ 20000	•	1.		7: •5	71.:	11.	71.7	11.		71.	71.7	71.	71.	71.	1.	•
≥ 18000 ≥ 16000		3.	• 5		7 . 4	3 • ·	t .	•	•		•	•	•	•	7	•
≥ :4000 ≥ 12000	-7.2.	7.	1.7.5 1.7.5	- • t. 7 •	4 . 4	7.	- 4 € £	4 7	4 • ⁷	7.5	7.5	• • <u>1</u>	٠. 7.5	, 7.	7	•
≥ 10000 ≥ 9000	•	1.	91.0	1.2	* .	1.	91.0	1.3	1.7 31.0	71.	71.7 71.3		1.	1.	1.	
≥ 8000 ≥ 7000	i.	1.	9 1	• 1	• 1	. • 1	7. • 1	• 1	- 3 • 1	7 2 • 1 2 <u>2 • 1</u>	42.1.	i -7.1	• ! • 1	ાગે•! 	7•! [2•1]	• '
≥ 6000 ≥ 5000	14 g 14	7.	9 ° • 1		• 1	5.1 5.4	93.4	• 1	- 7	30.1. 30.7	37.1 57.1	• 7	• 1	-5 • 1 - <u>- 7 •</u> •	79.	• `
≥ 4500 ≥ 4000	7. 7.	7•: -33•.	3	(6.2.	9.3	79.5	, 7 , , , ,		20.07	35.7 33.7		• ;			•
≥ 3500 ≥ 3000	?•7 ′•?.	5.0 2.0	20.0 24.			. و ژار ر و 19	50.1	- 7	.3.7	• 7 • 7	7 - 7	7.7.7	• ?			
≥ 2500 ≥ 2000	/ • ? - <u>?</u> • ?.		7.		•	9.		· · · · · · · · · · · · · · · · · · ·	- 19 - 7 - 19 - 7	7•99. إيداري	99.7 	7•17 2•12	• 7		•	•
≥ 1800 ≥ 1500	7 • ? 		330	• 3	30.5	?• <u>9•3</u>			• 7 • <u>• 7</u>		**************************************	39.7	• 1			-
≥ 1200 ≥ 1000	• •		7,.	· · · · · ·		***	· ? • ?		, , , , ,	3 3 • 7 3 3 • 7	7	· /1	• [
≥ 900 ≥ 800	7.7	- 3 -	***	· · · · · · · · · · · · · · · · · · ·	•	,	, ,		<u> 20.7</u>	74.7		- 7	•		· · · · · ·	
≥ 700 ≥ 600	· = 1 = .		70 - 1 - 70 - 1	• 3	• 1		27.	. 7	7	- - , , ,			•	-		
≥ 500 ≥ 400	; ;	- <u></u>	0.5	,,-		9.1	23.	· · · · · · · · · · · · · · · · · · ·	, 7 , 7 , 7	-	35 • 7 -5e • 7	7 7 € 7 1 7 6 € 2 7 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	• _	•	•	•
≥ 300 ≥ 200		ê • - 2 • -	30.	• • •	7	7.0	9 7. 5	3 7	7	7 7 7	30.7 55.7	7				•
≥ 100 ≥ 0	7.7	* b •		- 4 . 3 ·	• 1	, , .	97.	• 1	-	1	-	77.78			 :ah.t:	

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (STA	ATUTE MILE	(S)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	ביו ≤	≥ 114	≥ 1	≥ ¾	≥ 4,	≥ 17	≥ 5 16	≥ .	≥ 0
NO CEILING ≥ 20000	7 7	7	7 • .:		74.	74.	7:.7	•	7	7	74	74.	•	7	4.	•
≥ 18000 ≥ 16000	•	1.	1.1	1.2	1."	1.	1.	1.3		1.	1.	1.		<u> </u>	1.7	
≥ 14000 ≥ 12000	1.	1.	11.5	1.7		1.	,	- •	1.0	1.	41.0	1.	•	1.	1.	•
≥ 10000 ≥ 9000	7,	7.		7.00		7. 5.	7.	7		7 .	3 7 . t	•	•	•	•	•
≥ 8000 ≥ 7000	•	• 1			•		•	اد ه		•		•	•	•	•	
≥ 6000 ≥ 5000	1.	5.7	* * * * *	7.7	7.7	3.1	* • I	.1		•	* • 1		• !	•	• 1	
≥ 4500 ≥ 4000	7.	7.	7 . 7	• 7	- - -	ः १	20.5	7.4		• •	,	•))) () () () () () () () () (· _ • .	_ ,	
≥ 3500 ≥ 3000	7.0	-5•. 1••	7	1 . J	•	9. 9.,	7	7.7		. 7		•	7		, ,	•
≥ 2500 ≥ 2000	7.7	₹.	45		53.	9 .	7	2 • 7 • 7	7	· · · 7	7	• 7	• •			•
≥ 1800 ≥ 1500	7 • 7 7 • 7	1 . 3 • •			• 1	7 • ·	7	79.7 79.7	3.7		47.7		7	7	`	
≥ 1200 ≥ 1000	7.7	3.4	27.3 20.3	•	7 . 7	9 · .	7	• 7 • 7	.,,	7	• 7	7 2 • 1	. 7			
≥ 900 ≥ 800	, , , , , , , , , , , , , , , , , , ,	: . 	10.1 10.1		7 • 7	9.	· · · · · · · · · · · · · · · · · · ·	ંદ • 7ે ુે • ?	7 7	• 7	5 • 7 2 • 7	7.4.7 2.4.1.	7			1 ·
≥ 700 ≥ 600	7 , "	3.	• •	•	•	1	• 7 • 7	, . 7	5 7 7	2 · • 7 2 • 7	• • • • • • • • • • • • • • • • • • •	· · ·	• 7	• 7		1
≥ 500 ≥ 400	7.7	ेंह•4 :3•4	• · · · · · · · · · · · · · · · · · · ·	• • • •	• '	9 • ·	7	9.7	25 • 7	" ————	99.7	19.7 19.7	• 7		•	1 .
≥ 300 ≥ 200	7.7	ਪਰ•ਸ _ਹ•ਸ		• 1		9.	, , , ,	→ . 7 7	7	7	91.7	₩9.7 54.7				
≥ 100 ≥ 0	7.7	79.0 72.0	্নিক্রী ভিজন	• • •	•	9.0	7	7.7	2.7	, , 7	100 T	3.7 39.7	7		•	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)					
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	ניו ≤	≥ 114	≥ 1	≥ ર,	≥ 5,	בי ≤	_ ≥ 5 16	≥ .
NO CE:LING ≥ 20000	1.4	•		. • 6 1	•	•	•	•	`•´	•	•	· ·	•	•	
≥ 18000 ≥ 16000	•		1 2 41	•	7	7.	7.	7.	, , , , , , , , , , , , , , , , , , ,	7 • 7 •			•		7
≥ 14000 ≥ 12000	7.	-9.1 -7.7	-1 - 1 -7 - 7	• 1	9 .1	· · · · ·	• 1	3 • 4	- • •	•	• :	• 1	. 1	•	• 1
≥ 10000 ≥ 9000	• 1		9 . 9 74 • 1	2 7	्य ्	4 • 3 4 • 7		4 . J	. 4	- → • - i, • 7	· · · '				
≥ 8000 ≥ 7000	•	71.1	7 • 1	• 1	•	-	• 5	•	• •		• •	•	• ′.	•	•
≥ 6000 ≥ 5000	7 • ° 	1.1 8.1	* • 1 * • • 1	. 1	•	5•. ∃•		•	• * · - · <u>• · ·</u>		·•. •_•		'•' <u>"</u> •• <u>•</u>	. 17.• . 17.•	•
≥ 4500 ≥ 4000	7.		9 · ·	•	**************************************	9.	7.6.E	• 5						<u></u>	_ •
≥ 3500 ≥ 3000	"• ?•••	· · · · ·	•	• •	•		29.7	•	•		·••		• *·	· · · · · · · · · · · · · · · · · · ·	1
≥ 2500 ≥ 2000	7. 	, <u>, ,</u>	* •	• 2	• • •		5). H · · · · · ·	• ! • //	•	7 ♥	•	• • •	• "		•
≥ 1800 ≥ 1500	/ • ·	~ • <u>~ • </u>	79.5 27.65						• 1				• -		• 1
≥ 1200 ≥ 1000	~	-11.4.4 -11.4.4.	•			. 10 • 1 1 2 • 1		i •				•]	• "	i •	
≥ 900 ≥ 800		•	•	: 	•	•		•	•	· ·		•	•	•	•
≥ 700 ≥ 600			3 - • • • • • • • • • • • • • • • • • •		1 • 1		1		1. •	•	•		•	. • : • •	•
≥ 500 ≥ 400	7.	• · · · · · · · · · · · · · · · · · · ·	. 66.66 . <u>113.€14</u>		•) U • . !	1	•	•				•	. • . • .	
≥ 300 ≥ 200		·		•	l •	1	1	i	1 .	. • . !	· ·	•			
≥ 100 ≥ 0		•	•	•				i • .	. •				•		• 1

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)					- <u> </u>	
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 115	≥ 1%	≥ 1	≥ 3,	≥ %	≥ ⅓	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000		1.	7.1	1.4	. • ·	7.	1 • 4. 7 •	7.	1,4	1.	1.0	1.	7."	1 • 7 •	1	7.
≥ 18000 ≥ 16000	7.	7.	7.7	7.7	7.7.	7	7.5 7.5	- 1	7.5	7.5	7.5	7.3	7.0	,	7.	7
≥ 14000 ≥ 12000		1	71.5		8 1 • 5	1.	1.	1.	3 5 1 5	ξα•' 3 \• ,	1		71.5 71.5		1.	
≥ 10000 ≥ 9000	• !	4 . 1	5 . 4 54.2		24.	u . u .	94. 94.7	u .	(5 + • * 9 + • 5	7 → • ↑	2.4		-4. • ·	34.	
≥ 8000 ≥ 7000	•	•	2.1	• 1		5.4 5.4			• •	91.4	. 4	• 4		.".		
≥ 6000 ≥ 5000		• - - - • -	9 5 3 5	. 7	. 7	£.	76. • 1 2 1 • 1	· · · ·	51.5 51.5	Q8.3	75.0 63.3	•	٠ <u>.</u>			•
≥ 4500 ≥ 4000	7.		y . 5		• •	9.0	1	5.7	• • • • • • • • • • • • • • • • • • •	7		· · · · · · · · · · · · · · · · · · ·				•
≥ 3500 ≥ 3000	· · ·	**************************************		• • • • • • • • • • • • • • • • • • •	7	9.7	20.7		• • • • • • • • • • • • • • • • • • •	47. <u>77.03</u>		***		46.		•
≥ 2500 ≥ 2000	. = .	"• <u> </u>	7	7. • 7.	· · · · · ·	79.		· · · · · · · ·				· -			· · · · · · · · · · · · · · · · · · ·	•
≥ 1800 ≥ 1500	• • • • • • • • • • • • • • • • • • •		7	7 7	•	7 ·	30. 37.8	. व . १९ - २। . १९ -	"·"	7 9 6 5 1 5 6 7		•	^ •			•
≥ 1200 ≥ 1000		•	7 7	7	* '	7.	r, t, 🔭	22.3	99.5 99.5	<u> </u>		_ •		;	• • • • • • • • • • • • • • • • • • •	•
≥ 900 ≥ 800	•	· c .]	7 . 7 2 . 7	5 . 7		9.	, ° • ¢	62.9	20.0	40.0		· ·	· · ·			1
≥ 700 ≥ 600			7 7	5 - 7) .	90.0 90.0	7.5	3.0	09.0	30.3		or o	7 7		
≥ 500 ≥ 400			-			7 f •	9 · · · ·	27 1	•	(e) • •	90.3					
≥ 300 ≥ 200	- 4			. 7		9.	,	70.0	10 0 10 0	, c	5 · · · · · · · · · · · · · · · · · · ·	e		9•		1
≥ 100 ≥ 0	- 1 - 4	9	7	7		7.	1.7	7. 7		* • ₹! 	7 9 6					1

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING			-				VI	SIBILITY (SI	ATUTE MI	LES)				-		
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	ביו ≤	≥ 1%	≥ 1	≥ %	≥ s ₆	≥ 19	≥ 5-16	≥ '₄	
NO CEILING ≥ 20000			•			;					1	i i	-	•		
≥ 18000 ≥ 16000		· · - · - ·		[:						
≥ 14000 ≥ 12000								1								-
≥ 10000 ≥ 9000				!	i i		 	!								
≥ 8000 ≥ 7000							1		,			:		- •	•	
≥ 6000 ≥ 5000			!				!						-	• • - •		
≥ 4500 ≥ 4000			Ť				:	1					•= - •	• •	•	
≥ 3500 ≥ 3000			•							:	•	•	•	•	- '	
≥ 2500 ≥ 2000	· •		•				:	•	 	!	•		•		•	
≥ 1800 ≥ 1500	• • • •		•							!			•	•	•	
≥ 1200 ≥ 1000			1					1		!		•		•	•	
≥ 900 ≥ 800				1				!			ı			•	•	
≥ 700 ≥ 600	- 1		1							!				• — •	· · · •	
≥ 500 ≥ 400												·		• • •		
≥ 300 ≥ 200			· · · · · · · · · · · · · · · · · · ·								 	,				
≥ 100 ≥ 0											!		• ··	•= · · · · · •	•	•

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ 46	≥ 1/2	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000			1	1		1 0.0		1 7 . 3	1	10.00	1				15 f . 7	1 .
≥ 18000 ≥ 16000			1.			1 7.		1 .5 1	1 .	102.8	107.7	1	• [1	हिन्दी हैं जिल्ला कर्म	1
≥ 14000 ≥ 12000			15°.3	1	• 1	1 0.6		1	1 .	1 . 1	17.00 1800-5	1		10".		ţ.
≥ 10000 ≥ 9000	1	•		100.01 10.01	•	: 10.3 175.7	100.0 100.0	100.0	1) 7 • 7 1 7 • 7	1 7.7 101.2	1	•	1] .] .
≥ 8000 ≥ 7000	1	•	10 • 5 10 • 6			1 19.6 1 19.5		l^,	10 \ <u>.</u> n	1	1 100•	1				Ħ.
≥ 6000 ≥ 5000	! • II	•	127. 127.	10.000 1000	an • n 30 • n	: 10•0 : 10•0	100.0 100.0	15 •3 150•2	1•r 15 -•r	100.0 100.0	100.0 100.0	1 n 0•0⊅ 1 h⊬•0⊅	• ^			1 .
≥ 4500 ≥ 4000	1 7. 1	` • `	19.	1		1 5.0 1 5.5	106.0 165.0	1 .3	195.5 153.5	171.00 171.00	130•1 130•1	102.7 163.4	• 7	100.0 100.0	· ^ . r) .] .
≥ 3500 ≥ 3000	1 (1) 1 5 11	· · · · ·	161.7 13.	1 . 1	•	1 0.0 1 0.0	1:7.4 135.1	•	. ^ . ^	193.0 193.	107.3 100.0	1		1	aar.r Jaman)'' •]'' •
≥ 2500 ≥ 2000	i		1 17.0 157.0	1		178.5 1 0.5	1_0.0 100.0	1 12.00 1 14.5	1 0	103•0 130•0	100. 100.0	1370 101/1	• •	unter 1	107 . 0	1.
≥ 1800 ≥ 1500		176.0 176.0	177.6 137.6	101.01 11 .ul	100.0 100.0	170.0 170.0	100.5 100.5	1	107.7	1 10 • 0. 1 13 • U		175.11 195. j	آ• و•	1 7. 1 2.		1
≥ 1200 ≥ 1000	• ()		1	1		170.U	101.0 101.0	1 11 • 5 1 1 1 • 5		1 12.00 1 2 2 0 2	1 . 1 •]		,i .
≥ 900 ≥ 800)	100.01	15"•	1 70.0	11.	100.0	150.n	1 .3•0 155•0	1 7 • 6	15 • () <u>17 () • ()</u> [• • • • • • • • • • • • • • • • • • • •	1 \		1 .
≥ 700 ≥ 600	7	[] [•] [] [•]	167.0	170.01 170.01	130.0	100.0	100.0	1 1 1 6 1 1 1 2 6 3		110.0 170.0	1 (. 0) 1 (. 0)	1 7 3 • 6 3 1 7 7 • 4 7	• `			1
≥ 500 ≥ 400	•]		100.0 130.0	150.01 133.01	50.	1 10 • 1 1 10 • 1	114.50 145.0	1 0 0 0 1 0 0		1 0 2 • 3 1 0 2 • 0 1 0 2 • 0		1 1 2 0 1 1	• []	1	17 . 0	1
≥ 300 ≥ 200	1	70.0	107.0 107.0	1 5.51	00 • 11	1 0 · C	107.0	1 0		1 .0 • 0 1 1 5 • 0	100.0	101.01 101.01	• []			1
≥ 100 ≥ 0		. 10•1 . 10•1	100.5 <u>100.5</u>	$100 \cdot 61$ $170 \cdot 61$		170.0 11	100.0 100.0	- 1		1 ′	• •	100.00 100.01	• ?	1 30 • 6,	:50°0	1 .

TOTAL NUMBER OF OBSERVATIONS

13-76,77-52

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/2	≥ 114	≥ 1	≥ 4	≥ %	≥ ⅓	≥ 5/16	≥ 14	≥ 0
NO CEILING ≥ 20000		5.7.4	51.6	9: .3 43.5	6	2.7		20.7	t	7		2	4	03.0 03.4		
≥ 18000 ≥ 16000	•	8.	20.1 94.	: 4	4			11.7	· · · 7	S 7	ь ° • 7	r 7	. 7	• 7		7
≥ 14000 ≥ 12000			0 3 . ? 5	84.1 7.6	91 • 1 5 • • •	1.	30.5 21.5	11.5	e }•5 •1•1	59.5 91.	• 1 •	5 · 3	•	1	1.	
≥ 10000 ≥ 9000	1.7	71.7	91.7 92.1	72.1	97.1		97.65 07.9	77.5 9	17 g	9.0	52.5 92.0	37.45 42.4	•	`^:. _ <u>-//</u> •'.		
≥ 8000 ≥ 7000	•		9 1 • 2 9 1 • 2	51.6 92.6	∩2•€ 9:•€	4	34.0° 34.1°	74.5 74.5	4 • ^	94.0 94.0	ଜ୍ଞ _{୍ଚ} ମ ଜ୍ଞ୍ଚୁମ	74. 74.)	•••	4.	ta .	
≥ 6000 ≥ 5000	4 • 7	. 4 . 7	94. 94.7	21. 4	94.4	4 • 7 5 •	94.7	ານ•າ ໃນ•ຸລົ	``⊈ , 7 _ 7 , 5	74.7 75.5	41.7	94.7	4.7 5	54.7	55.	
≥ 4500 ≥ 4900	7.4	96.1	95.1 95.1	° 3 • 5	75.5	55.9 79	57.0	** • 9		98.3	3.00	31.00 2.00		90.5	?•?• ?• <u>?•</u>	
≥ 3500 ≥ 3000	7 • #: _ 7 <u>•</u> 7.	38 • 1	91.1	73.5 3.0	9 9 3 9	<u> 19.1</u>	93.9	50.9 59.3	3 · . 6	20.3	97 • 7	70.3		29.3 29.3		
≥ 2500 ≥ 2000	7.7.	78.7 38.7	23.5	99.9		9 u	93.3 30.5	59.5	39.7	79.6	95.5 60.0	9.5	<u> </u>	99. . : : : : :	,0.0	^ • ^ • ^ • _
≥ 1800 ≥ 1500	7.7	75.9 76.5	90.0	24.3	93.3 93.3	9.6	49.6	9.6 9.5	97.4 97.4	79.6	30.4	7 • (. 39•t		
≥ 1200 ≥ 1000	* • 1 • • • • • • • • • • • • • • • • • •	.4.3	97.3	54.6 77.6	90.4	170.3 170.3	100.0	1	: ': • n	1 75.	<u>:</u>	· _ ·			197. 15 <u>2</u> .) · · · · · · · · · · · · · · · · · · ·
≥ 900 ≥ 800	• 1' • 1	19.1 19.1	7 % • ? 7 % • 2	*°•6	90.6 90.6	150.0 160.0	100.0	100.3		1 10	1			•	: !	1
≥ 700 ≥ 600	- 1	· · · · · · · · · · · · · · · · · · ·	3	99.6 99.6	90 • 1 91 • 1	1 0 0 0 1 7 0 0	100.01 100.01	176.2		100.0	131. • f	100	ļ —	1	<u> </u>	<u> </u>
≥ 500 ≥ 400	* • 1 * • 1	79.	99.3 80.3	77.6 77.6	9" • f	1 7 • . 1	100.0 100.0	1 0		1 1 0	1000	2		17.	150.1 150.1	
≥ 300 ≥ 200	- 1 - 1	39.3	99.3	99.6	77.6	1	50.n 100.n	1		105.3	130.0	157.0 157.0	- C	100.0	100.0	
≥ 100 ≥ 0		9	9	\0.5	30 1	1 (0.0	1	3		2 1 2 - 4		130.1		110.0 110.0	ich•7	<u> </u>

TOTAL NUMBER OF OBSERVATIONS

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ '₄	, ≥ o
NO CEILING ≥ 20000	7.	7.	57.0	7.3	7.3	7.	14 . T.	7.5	ii , ?	7 • 1	7.5	7.	7.1	7.	4.	7
≥ 18000 ≥ 16000	7.	7 • •	37.5	• •			2	. 4	- ' • Li	• 4			7 , 4	•		•
≥ 14000 ≥ 12000	5 <u>1</u>	4	33.4	. 4	21.03		1	`c.7	5 5 . 7 5 m . 6	7				• •		•
≥ 10000 ≥ 9000	1.	1.4	71 21.4	71.0 71.4	91.0	1.4		1.7	1.7	91.4 91.7	61.4 41.7	71.0	1.7	1.7	1.7	
≥ 8000 ≥ 7000	73.	92.9	9.0	97.2	9 . 9	2.9 3.2	97.51 77.60	17.5 23.65		97.2 93.6	5:07	2.5				•
≥ 6000 ≥ 5000	- 4 - 11 - 5 - 7	54.7	94.7		74.7 95.0	4.1	95 .1 25.1	70.1	· · · 1	2.01	C 1	• ì	.1			•
≥ 4500 ≥ 4000	7.4		97. T		56. °	6 7 . 7	. 4 • 6 0 • 1	7 .1	5.6	75 €t 9 ± • 1	7:01	96. 1 . 1	7	5.	- F • * *	
≥ 3500 ≥ 3000	7.7	7⊌•1 28•74	9°.1	7:1	(.) y .0	C • A	79.1	.5	30°.		24.3	* 9 - • * 3 c • ∶		· 💀 💳		•
≥ 2500 ≥ 2000	• 1	23.4 24.7	91.9	7 9 3 9	98.0		20.3	3.2	10.8	2 4 . 3	99.	20€3 30€3	``````````````````````````````````````	7.2	.↑ ?. ₹ 	
≥ 1800 ≥ 1500		74.5 14.9	98.9	94.9 94.9	0.0	- 1	93.1	~.3	. 7 . 7 7	37.2	40.7	ं वे. • ध•़	1 1 7	·		٠,
≥ 1200 ≥ 1000	99.7 98.7		90.3 30.6	99.3 99.6	ं २ • १ २५ • ८	9.5	99.65	79.6 11.0.6	7 . A	(表)。 100・1	4 n		• €	ີ່ ຈຸ. 1 ∩ (?	` 1
≥ 900 ≥ 800); • ;	9.1	30 € 43 €	20.6	ુું	9.	107.0	17.0		1	1	1		1	, en • 3.	1
≥ 700 ≥ 600	• 7	9.1	ାଟ•: ଓଡ଼:	99.L	90.6 90.6	9.0	100. 100.	170.0		100.0 100.0	1	1	i)		1 .
≥ 500 ≥ 400		- ;	49.A	59.6 99.6	97.6 97.6	9.	100 . 8	1 ***•2 1 ***•2	100.0	190.0 190.0	191.5 195.9	: 16.	1		Ūt•1	1
≥ 300 ≥ 200	60.0	99.6	90.0	20.6	90.6		147.7	100.0		170.9	100.0	170.5 195.6	:5~.ñ 1(^.∩	1 7.1	150.0 150.0	150 15
≥ 100 ≥ 0	9.0	19.4	91.4	99.6 99.5	30.4	9	1 . •.3	173.3	7.5	170.0 170.5	100.	107.J	1 0	125.00 130.00		1

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS ILS T

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ ⅓	≥ 5/16	<u> </u>	≥ 0
NO CEILING ≥ 20000		2.	82.0	9.2 P.E	• C	7.0 68.0	62.0 63.0	72.5 70.0	2.0	92.0 92.0	87.0	52.0 38.0	5 ·	82. 85.	158.5	1 7
≥ 18000 ≥ 16000	£ • ↑	: e	200	18.0 68.0	9 - 1	48.0 5.1	31.0° 35.0°	ر. د د د د	30.7	90.0 35.0	នុក ្ ក ខ្លួន ក្	3 5 . ↑ 3 ′ • 3	7 1 . 7	82. 2. 1	23.0	•
≥ 14000 ≥ 12000	. 7	25.7	5 1 7	5 - 4 F 8 - 7	% . a. ⊊a . 7	78.4 68.7	28.4 82.7	'5.4 ".,7	6 7 4 5 3 - 7	51.4 55.7	89.7	55.4	. 7	7 7	38.7	7 2 . 7
≥ 10000 ≥ 9000	. Դ . 6	90•5 1•5	97.5 ر.5	40.0 21.0	91.0	0.6 1.€	00.5 91.0	1.5 11.5	97.6 91.1	91.00 91.00	90.6	91.6	90.6 :1.0	91.0	57.4 51.7	٠. ١٠ <u>١</u> ٠١
≥ 8000 ≥ 7000	42.5 12.9	72.0	97.5 97.9	92.5 21.9	37.E	2.°0 2.€	9.°•° 52.9	50.5 12.9	72.5 72.7	92.5	92.5	92.5 92.5	22.6 73.6	32. 32.	49.6 59.4	5.1.0
≥ 6000 ≥ 5000	1.1.1 1.56.5	93.7.	97.0	91.4 97.5	97.1	3.0 7.0	97.6 97.0	73•t 77•⊒	53.6 97.1	93.0 97.0	57.5	57.0 67.5	13.6 93.1	93.6	97.	7.7
≥ 4500 ≥ 4000	1 k . 5	57.″ 38.°	97.	97.7 53.9	97.0	7.	97.0 98.0	77.0 24.0	97.0 94.6	97.0 98.4	97. 50.4	97.5 95.9	97.0 91.0	97.	97.	≎7•
≥ 3500 ≥ 3000	30.5 2.02	98.7 9.1	97.9 91.3	99 .3	99.9	-8.9 -9.3	80°3	70.3	60.7	98.7	94.7 99.7	9 . 9 59.3	· · · · · · · · · · · · · · · · · · ·	5 (• S	98.9 9 9. 3	10.
≥ 2500 ≥ 2000	· 5 • 7	99.6	77.6 77.6	54.0 55.0	14.50	19.5 19.5	99.8 99.5	''• 3	99.6	30.00	99.5	39.5	. ⊻°•€.	ণ্ড• <u>৬৬-৮</u>	- 99 . 6 - 9 2 . 6	: • ۲۰۰ • • و د
≥ 1800 ≥ 1500	0	1	137. 137.r	1:5.0 1:500	100.0 100.0	175.5 1 0.6	160.0 160.0	160.0 170.0	138.5 138.2	:00.0 175.0	107.1	100.0 155.0	115•0 125•9		մ Նր∙ն ընցն•ղ) • 1 •
≥ 1200 ≥ 1000	.	1 0 • 1 1 0 • 1	100.0 100.0	111.0.0 110.0	155.0 155.0	1 10.5 1 4.5	138.7 138.3	1 1 C 1 1 7 . U	100.0 100.0	10. •0	157.7 166.	155.5 155.3	130.0 130.5	100.00 100.00	100.7 [[2].7	1
≥ 900 ≥ 800	9.4	175.	100.0 100.0	176.0 176.8	1 30 • 0 1 • 0 • 1	1 7.	ា ផ្ទ•ា <u>រដ្ឋ•</u> ា	1 1	1 : ` • ^ 1 : ^ • ^	150.0 175.0	100.0 100.1	1 U) · · · · ·	1 20 • 1 1 : S • 1	កប្ក•្ <u>ស្ត្រ</u> •ក្	1
≥ 700 ≥ 600	0 • 1 • 1 • 1	170.7 170.5		193.0 153.0	185.0 185.1	170.0 170.0	1 20.5 100.3	1000		172.0 172.0	165.3 166.3	100.0	1 • 7	1 ° • ·	1 3 7 •	1
≥ 500 ≥ 400	• •	1	107.7 157.5	17 .0 17 .0	150.	170.0 170.0	100.0	1 1 6 • 3 1 1 1 • 0	133.5 133.5	172.5	1 3 2	1 .			107.0 107.0	
≥ 300 ≥ 200	19.11 119.4	1 0.0 1 0.0	10	176.0 175.0	100.1 131.1	:	100.0	1	107.0 167.7	133.0 133.0	1	1.	(^ • C		i 33.•3	
≥ 100 ≥ 0	7 • t	1 0.1 1	10 1.0 10 1.0	175.0 175.0	100.5 100.5	1 3•7 1 <u>. •</u> .	100.5 100.5	1 7 . C 1	155. 155.	199.0		13:.•" 170•0	100.5 170.0	100.0	100•7 <u>100•0</u>	1

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				- 1	· ····		VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ %	≥ %	≥ %	} ≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000	75.7 0.1	77.1	77.1	77.1 Sc.1	77.	77.1 6.1	27.1 55.5	77.1	77.1 86.5	71.1 30.1	77.1	77.1	7.1	77.1	77.1	77.1
≥ 18000 ≥ 16000	ε•? (•)	6 • A	26.5 €~.€	46.6 24.5	2 •	5•↓ ••:	96.0	10 • 3	16.0 :5•	35.	5.50 5.60	•	•	<u> </u>	د م. ه. ه <u>د و د م</u>	•
≥ 14000 ≥ 12000	7.	7.5 59.5	97.5	27.6 27.5	67.5 87.0		57.6 50.3	~7.6 20.7	7 .	27.0 89.7	े 7. 5 २० .६	7.4	7.	*. . <u></u> .	7. .:	•
≥ 10000 ≥ 9000	• 6	1.	91.5 71.5	51.0 C1.0	91.5	1.	71.0 91.0	11.0	101	71.	91.5	71.1	<u> </u>	:1. :	·1 ·	1.
≥ 8000 ≥ 7000	2.0°	2.7 103.7	97.3	90.9 3.5	2 . 1	₹.	97.	2.9	5 2 0 0 7. 7 3	92.9	<u> </u>	92.4 -3.2	7,0		, 7 , 7 , 7 , 7 , - , -	•]
≥ 6000 ≥ 5000	74.4	74.7 75.1	96.1	1	94.7	6.1	94.7	94.7 9.1	94.7 91.1	73.1	7.5.1	· · · · · · · · · · · · · · · · · · ·	- 1	74 • 7 • • • • 1 • • • • •	25 · 1	الانون إلانوناي
≥ 4500 ≥ 4000	7•7	78.	92.50 30.60	30.€	99.6	76.5	3 . 30.0			99.1 99.1	ाह•ड़ ••••••	<u> </u>		39.5		
≥ 3500 ≥ 3000	- 3 • 3 3 • 3	- 	97.6		30.6 91.6 90.6	9.6		79.5	77.6	77.5	٠,		<u> </u>	- 20 - 20	ું જ . લ	\$ % • : . 1
≥ 2500 ≥ 2000 ≥ 1800	• • • • • • •	9 • * 9 • * 1 · •	5 a . 6		37.5	3 . 1	,	· · · ·	9 6	- 	<u> </u>			, <u></u>	77.5 77.5	•
≥ 1500	Ç.	1	10.5	1	1	1 5.0	1	•	127.7	<u> </u>	<u>1</u> <u>0</u>					
≥ 1200 ≥ 1000 ≥ 900		1 .	17-	1	1	1 0 0 0	1000		1	1.			<u> </u>		100.0	1
≥ 800	. <u>i</u> ei		17.00	1 (1 2 2	1 7 .	1 <u>. (</u> 1 37 • 3	177.02	1	1 .	1	1			100.0	1
≥ 600			17 1 0 13 0	1	1	170.0	1. ^.n	1 7	105.7	12.00 175.0	1.7.7	130.0			107.7	
≥ 400		1	100.0	1		100.5	100.7	170.3	1 /2.0 1 22.0	139.9 133.3	100.0	196.0 196.0	107•3 107•8	173.3	1. n. i	
≥ 300 ≥ 200 ≥ 100	يا ٿ اڙي	1	137.0	1	1	1)	17.7.0 127.7	1 77.	7.7	120.0 134.0	100.0	107.3 107.3	1 (n • n	1 C 2	100.5 105.5	1
2 100	-	1	1	1	1 ~.	. r.	107.7	1	1 • "	17J.b	13n	17.	1	1 ~ " •	:ar•n	1 - : •

TOTAL NUMBER OF OBSERVATIONS

77-1.,77-3

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	 			·												
CEILING						,	VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ 4	≥ .
NO CEILING ≥ 20000	77.	7:	7	7 1.2	7	7:	7 .2	76.2	7	7 . 6	7 • n	7	7	7	7 .	7.
≥ 18000 ≥ 16000	7.5 7.5	3.	83.9 33.3	-5.8 -3.8	83.0	3.	% 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3.8	3 . °	94.2	94.2	4.0	4.7	4	4.	
≥ 14000 ≥ 12000	4.6	49.0	35.0	85.9	u5 • • • •	99.5	63.5 83.9	35.3 55.9	36.0 93.0	35.3	< 5 • 8 · 8 · 8 · 8 · 8 · 8 · 8 · 8 · 8 · 8	.5.3	7.0	•		•
≥ 10000 ≥ 9000	1.1.	1.4	91.4	71.4	91.4	~1.4 ~1.4	91.4	21.4	51.4 91.4	91.7	91.7 91.7	51.7 71.7	1.7	71.7	1.	
≥ 8000 ≥ 7000	2.1	92.9	97.5	92.9	77.0	2.9	97.9	73.9	33°0	93.2	93.5 93.5	93.0	• • •	5 4 6	, ,	
≥ 6000 ≥ 5000	94.7	75.4	97.4	27.4	97.4	5.1 -7.4	25.1	77.4	75.1	37.7	57.7	97.7	. 7 . 7	17.	१५ <mark>०</mark> ५७.	,
≥ 4500 ≥ 4000	7.4	₹7.4	97.4		97.4	:7.4 9.3	97.4	97.4	; ? . 4	97.7	97.0	97.7	.7.7	7.1	7.	,
≥ 3500 ≥ 3000		50.5		09.3	90.7		59.3 50.3	79.3	79.7	77.6	57.6			-9.	— ∵∩• •••	
≥ 2500 ≥ 2000	7 . 4	000	99.3	9.3	30.7 99.6	19.5	94.3		99.1		17.	55.5	3.5.4	1	-== 3 1 : 0	
≥ 1800 ≥ 1500	7.4	-3.6			99.6	9.6	90.5	7.6 7.5	97.5	10(.b)	100.00 100.00	100.0			i 1∶∩•′	
≥ 1200 ≥ 1000	7.4	79.1	91.5	29.6	99.6 99.6	9.4	90.0		99.1	100.0	170.5.	101.5	125.0 120.0	100.5 100.0	100. 100.	in .
≥ 900 ≥ 800	7.4		90.0	77.5	99.6	₩ . ′,	90.5i	°°°5	30.6	170.U	1.0.0	1 .	1	100.0	167.	h .
≥ 700 ≥ 600	7.4	79.	97.6	77.6	90.6 93.6	9.5 9.5	99.5	99.5	. y . r	1 2.0 1(1,5.0 1.00.0	1	1	1 7		h .
≥ 500 ≥ 400	7.4	54.4	30.€	07.6 39.6	33.6	9.0	47.6	79.5	99.6	130.5	160. 10.0	170.3 175.7	1	170.	1	1 .
≥ 300 ≥ 200	.7.4	30.0	97.6	30.6 37.6	23.4	79.1	59.6 09.6	99.6 79.0	30.1	133.0 133.5	171.0 107.0	171.8 185.7		175.6 133.6	100.	jī.~. ⊃1:^.
≥ 100 ≥ 0	.7.4		93.5	99.6 99.6	50.0 30.€	9.0	99.6	99.9 95.6	49.1	1 3 1 • 3 1 3 ± • C	1	150.0	7.0	100.5	100.	1

TOTAL NUMBER OF OBSERVATIONS

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HTROM

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 114	≥ 1%	≥ 1	≥ ೩	≥ %	≥ %	≥ 5/16	≥ .	≥ 0
NO CEILING ≥ 20000	• 1	2 4 1	3 · 4 · 1 4 · 4 · 4	7. • 3. 1 • 41		. : 	. ₹. 1 4.		, u	ئەئد ئەرى-		. 4	, ,			•
≥ 18000 ≥ 16000	7 • 4. 7 • r	79.2 30.	30.2 80.€		3	60°.		4.2	7.7	87.•0 34.€	``• `	•	• ~	•	• •	
≥ 14000 ≥ 12000			7. •		9 • 1 9 • 1	 	, n			က်သွာ⊕ု^ ရည္		,	• •	•		•]
≥ 10000 ≥ 9000		75.	9:00	ن و د د ان و د ۲	ης. 9″, η	2.00 5.00	* 1	5.0 2.5		95 • 1 95 • 2		1 1				
≥ 8000 ≥ 7000	اد پای	7.1	96.7 97.1	· · · 7	96.7 77.1	7.1	91.7 - 7.1	6.7	1 : • 7 4 7 • 1	76.7 97.1	57.7	76.7	7 - 1	7.1	7.1	
≥ 6000 ≥ 5000	74. • 7	7.4	77.5	57.0	97.6 51.6	9.5	97.0 90.5	7.0	57.0 10.6	97.4	6.7°2	77.1	7	7.	5 7 . 9	
≥ 4500 ≥ 4000	:: • 7 : { • 7]		95.7 107.0	99.6 17.60	50.00 100.00	9. 10.7	07.7	``	. G . € . 1 . ~ • ^	99.€ 173.€	1 - 1 - 1 1 - 1 - 1		1.	1 7 4 . 6 j	7	
≥ 3500 ≥ 3000	7		191.1 181.1	1		170.0 170.0	197.5 ໄປຈີ.ຍ	1 1 U 1 1 1 . 3	1 (17 • 1) 1 (1 • • 1)	17 170.J	1 (• 0) 10 (• 0)		1 σ • π			
≥ 2500 ≥ 2000	. i . 7]		15 • 10.•:	1: .a: 1: .o:		17a.u 17a.u		171.5 17.65	100 . 0	174.3 174.3	101.001 110.00			1 .	77.0	
≥ 1800 ≥ 1500			191.0 191.0	1	1 10. mi 1 7 . mi	l d•1 !∵ G• ∪	1:5.0 1:5.0	1	1	193.5 193.6	107.di 100.di		1	1	185.5) 185.1	1 •]
≥ 1200 ≥ 1000	7	1	100.0 100.0	100.5	1	1 0.0 1 5.5	100.5 100.5	177. 171.8	1 7.5	1 1 1 • 1 . 1 1 1 • 1				1	:(7. :27.	! !
≥ 900 ≥ 800	, 7) • 7)	170.1	tJa.0 183.9	170.5 170.5	100.ni 103.ni	110.U 150.U	1000 1000	1		រក្នុ 106•	1:::	l • •	}	1 1	10 n.s) 10 n.s	
≥ 700 ≥ 600	6 m		107.0 1 7.0	100.0	188.7 187.6	110.0 1.0.0	198.3 198.5	170.3 1	15.0	195. 195.	1 7.0/1 1 . h			1	1. h. 1. h. h. h	
≥ 500 ≥ 400	· • 7		100.1 101.0	1/2.3		1/0.0 1_0.0	167.7	1	100.0	130.0	1		12.00	1	ເມິດ.ວິ ເຊິ່ນ.ວິ	
≥ 300 ≥ 200	16.07	1 6 6	10 •1 135•1	1 10.5 1 10.0	in:.n	. 5 • 3	120.0	1 • 3		130.5 130.5	1 27 . 7	106.0	157.5 143.6	100.0 100.0	100.0 100.0	155 155. 1
≥ 100 ≥ 0	16.71 25.71		13"•1 13"•0	110.5 177.5		1 0.0 1 0.0		1 .		100. 170.u	150.00 150.5	15. 6.2	10.7	100.00 100.00	i c n • 5 1 0 1 • 13	1 •

OTAL	NUMBER	OF	OBSERVATIONS
~	/ TOMIDER	Ο.	0035414110113

PERCE: ATAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	ISILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 114	≥ 1	≥ 3,4	≥ 4,	≥ %	≥ 5:16	≥ .	≥ 0
NO CE:LING ≥ 20000	1.	•	•	• 1	• 1	7.	7.	• · ·	7.	- 7 • i	7.1	• 3	• 1	7.1	7.1	
≥ 18000 ≥ 16000	•	7.	3.7.	7.4	7 4	7.4	7 5.7.	7,4 27,5	7.5	7.	· 7 •	× 7.5	7	7	7.7	
≥ 14000 ≥ 12000	7.			• 1	.1	7.1	3 1 7	7	F . 7	7.0.	•	0.0	~ ·	•		•
≥ 10000 ≥ 9000	1.	1.7	71.7 91.9	1.	01.	1.	Ω1 311	1.9	5 i • ^	9.3.	3.	•		•		•
≥ 8000 ≥ 7000	- 1	23.5	97.	03.5	21	1 3 a t	,,, ,,,	/ Le (a)	74.7	74.0	54.	34.7	. 7	•	4	
≥ 6000 ≥ 5000		7.1	75. 97.1	27.2	97.0	5.1 7.3	y 7 •	7.3	, ,	27.4	, E, 3	75.0		7.	7	•
≥ 4500 ≥ 4000	7.7	27.5 26.1	97.	97.3		7.4	97.1	7.	37.5	27.	57.	57.3		•		
≥ 3500 ≥ 3000	7.	10. 10.0	9.7.	35.1 24.3	7 . 1	0.1	59.2 93.4	. 4	10.4	79.5	50.5	5 1 • 1	*	7		•
≥ 2500 ≥ 2000	•	* កក់ភ្និទី * កក់ភ្និទី	97.4	79.6	90 L	9.5	Ω α ε	5 • 6 S	17.1	99.7	ψς . c	30.3	7		00.0 35.7	•
≥ 1800 ≥ 1500	, ,	4	95.6 95.6	77.5	37.6	9.7		1/45	40.2	94.		\$ 7 . h		•	`,;;.´` ^;;	•
≥ 1200 ≥ 1000	2	:5.7	9:4	. ं ह	90.	19.9	30.0	,	, 3 . f	79.		100.		1		
≥ 900 ≥ 800	• •	- 	9.	77.5	37.3	9.,	93.3 00.3	7.	59.0 50.0	1	1	1.	7		: • · · ·	
≥ 700 ≥ 600			9 .	.,.s	5.7.	39.5	5 0	7.3	33.0	+	1	1. •	1		1 ~.	
≥ 500 ≥ 400			3'	50.5		79.0	27.	00.9	47.5	175.5	l .	i • ;			1.7.3	1
≥ 300 ≥ 200	• 4	5.	3	.,	99 a	,,,	45.5	79.9 73.9	.7.6 10.0	170.0	1.0.0	17 •0 16 •0	197.0 197.0		160.6 165.5	1
≥ 100 ≥ 0	• •		3	U.S.	30.00	3.3	94.5		. 9 . 0			1 • 7	h		֓֞֞֞֞֞֞֞֞֞֞֞֞֞֞֞֓֞֞֞֞֞֞֞֞֞֞֞֓֞֞֞֓֞֓֞֞֞֞֞	•

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MIL	LES)					· ·	
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ ניו	≥ 11.	≥ 1	≥ ¾	≥ %	≥ %	≥ 5 16	≥ .	≥ 0
NO CEILING ≥ 20000										· · · · · · · · · · · · · · · · · · ·	!			•		
≥ 18000 ≥ 16000			•••	i						:			-			
≥ 14000 ≥ 12000				1			i 1	!								
≥ 10000 ≥ 9000							!									
≥ 8000 ≥ 7000										· :						
≥ 6000 ≥ 5000							:		1							
≥ 4500 ≥ 4000							•	• • • • • •	· · · · · · · · · · · · · · · · · · ·	• • •						
≥ 3500 ≥ 3000								*** ·=~	•	•						
≥ 2500 ≥ 2000				•	==	•	4.	··· = ·		•						
≥ 1800 ≥ 1500			•	•	.	·	+	•		•						
≥ 1200 ≥ 1000			.	• • •	.	L	<u>.</u>	• • •		•						
≥ 900 ≥ 800	,		•	•	· · ·	: 	<u></u> ! ↓	•	· —-—-	.						
≥ 700 ≥ 600			. —	· •	·					<u></u>						
≥ 500 ≥ 400			•	•	! •			: 		! !	· · · · · · · · · · · · · · · · · · ·					
≥ 300 ≥ 300			•								:					
≥ 100 ≥ 0				:			1	<u> </u>		i i						

TOTAL NUMBER OF OBSERVATIONS

5 1921 Juliu 20

CEILING VERSUS VISIBILITY

- -----

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	≥ 10		VISIBILITY (STATUTE MILES)														
		≥ 6	≥ 5	≥ 4	≥ 3	≥ 216	≥ 2	د ۱۱ء	≥ 114	≥ 1	≥ 3,4	≥ 4,	≥ 12	≥ 5 16	≥ .	≥ 0	
NO CE:LING ≥ 20000	•	1 •	•) • /	j .		•	2 • /) 2 • Dat		1 .	<u>.</u>	1	•			•	
≥ 18000 ≥ 16000		1 •	,	1 • 1	1	1		B • !	1 7	1							
≥ 14000 ≥ 12000		i .)				•	- •	1						
≥ 10000 ≥ 9000		1	13.0		1	1 - 7					1 ·						
≥ 8000 ≥ 7000		1 (.) 1 (.)	107.U	193	173. 135.7		100.5	1			1	1	•				
≥ 6000 ≥ 5000	•	1 .	10 .	16 .5		1 2		1 .7			1				• • •	` '	
≥ 4500 ≥ 4000	•	1	137 • 1 13 • 38	1	1		1 1.0		lii * • * * * * * * * * * * * * * * * * *]		-		•	: :	
≥ 3500 ≥ 3000			ال • ال 1 • الحال	100 100	1 .	1 10 1 10	107.7 137.7	1		i .:			•	•	•		
≥ 2500 ≥ 2000	•	1 .	157.6 157.6	17 18	1 1		10 •7 101•9	1 •		1	1				•	•	
≥ 1800 ≥ 1500	1	1	101.1 101.0	1	lun. 1	1 °C•4	100.0 100.9	1 ·		. • . . • .			•	•	•	•	
≥ 1200 ≥ 1000	1	•	100.0 100.0	18 .3 11.3	155.7 175.5	1 0.1 1 0.0	1 (* •) 1 (* •)	1				: : • :			•	:	
≥ 900 ≥ 800	• `	1 .		1″ .•J 10 .•3			1	1 .7	• -	1 • 4• _	•	1 • <u>1</u>	•	. • . • .	•	: !	
≥ 700 ≥ 600	• •	1		1. • . 1. • .	1 • 1	1	<u> </u>	1 • 5 <u>1 • 5 </u>	•	<u>.</u>		! • :	•	<u>.</u> • .	•		
≥ 500 ≥ 400		1	107.0	1" .0	1	 	107.7 177.2	1 •]		1 . 1 .	1 • 1 • .	i • ; i • ;	•	. •	•		
≥ 300 ≥ 200		1	1 • 0	17.00 17000	: . 1 .		1 10 1	i • - 1 •		: .	· •				•	. , } .	
≥ 100 ≥ 0	•	1 . •	1 5 6 7	100 au	1			1		1 • .	1	•	•	1 .	•	•	

TOTAL NUMBER OF OBSERVATIONS

MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO.

CEILING VERSUS VISIBILITY

HOUPS IS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET:	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 114	≥ 1	≥ ೩,	≥ 4	≥ ',	≥ 5-16	≥ .	≥ 0
NO CEILING ≥ 20000	7 % a d	74.4	/ - • ! 7	7	74 . 7	3	7	74.4		74.	7	7 + 4 + 7	•	7		•
≥ 18000 ≥ 16000	7	74.	7 . 7	75, 7	7 7 7 7	77.7	7 = . 7	7 . 7	, , ,	71.	,	; . , ,			7	•
≥ 14000 ≥ 12000		1.	11.	1.	11.1	1.	. 1 .			1. 15.	1,		•	•	1.	· . •
≥ 10000 ≥ 9000	1.	1.) .)								•		•		1.	
≥ 8000 ≥ 7000				•	•		1	•	• •	٠ <u>٠</u> ٠	• • !	• 1	•		• 1	
≥ 6000 ≥ 5000	4	7 . . 4	يو اد د د يو دد	4 4 4 4 4	. * • ≠ 1.2 • £	i.	, i,	* u _ G	• 4		• •	′• + 2 • 4	. 4.	• ·	1	•
≥ 4500 ≥ 4000		· · · · · · · · · · · · · · · · · ·	7	• •	34.	• 7	# Es	- 4		·• · · • ''•	· .	• 7	. 7	• 1	7	•
≥ 3500 ≥ 3000	• • • 7	7.	• 1	7 . 1 1 . 4	* 1 . 1	7 • •	17.1		• 4	• 4	•	• 1	• 1	• 1	7 • •	
≥ 2500 ≥ 2000		. 7	- 1	50 . 6 5	4 . L	7	•		• 4	•	• 1	•	• •	•	•	•
≥ 1800 ≥ 1500	7 . 7	10 • 1 5 • 7		9.3		ə <u>. </u>					•	•	• -	•	•	•
≥ 1200 ≥ 1000	• • 1	• [• • 7	• •	77.7 22.7	ائر.و 12.وك	36.7 3.4.1	7 7 • 1	`• 7.			• '	•	•	. 7	: .) •
≥ 900 ≥ 800	, , , , , , , , , , , , , , , , , , ,	/ • -•	· · · · · · · · · · · · · · · · · · ·	7. 7. 7. 7 7	. 7	2 • 7 2 • 7	00.7	7.7				• [*]	•	• 7	7.7	•
≥ 700 ≥ 600	•		3 m al	33.7	7	. 7	7	75.7	7	7.4.7	4 C 7	. 7	• 7		•	
≥ 500 ≥ 400	• !		•	7 · 7	. 7	9		. 7 7 . 7	. 7	• ? • ?			• •	. 7		
≥ 300 ≥ 200			• 7	. 7	. 7		7.	· . 7	1.7	7.7	, , , , , , , , , , , , , , , , , , ,	• 7			•	
≥ 100 ≥ 0			• 7	, , 7	. 7		0.00	• 7	. 7	<i>1</i> :	7	• 7	• 7	" • ⁷		•

TOTAL NUMBER OF OBSERVATIONS

CHARAC GEASSET ON IS

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)					
(FEET:	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 214	≥ 2	≥ 11,2	≥ 114	≥ 1	≥ 1,	≥ 4	≥ '1	≥ 5 16	≥ .
NO CEILING ≥ 20000	' . • ^L	?;	•	•		•				7 7 . 7	7	•	•	•	
≥ 18000 ≥ 16000	•			•						3.	•	•	•		
≥ 14000 ≥ 12000	7	7		7 • 1		7	• !		•	?•		•	•	•	
≥ 10000 ≥ 9000	•	•	,		•	•		• .	•	•		•	•	•	•
≥ 8000 ≥ 7000	•			• ,	•		•	•	•	•	•	•		•	•
≥ 6000 ≥ 5000	• ,	. š	4. • 1 4. • 1	10.0	- • !	• 1	• !	• 1		•	- • !	•	1	•	
≥ 4500 ≥ 4000	,	1.1	7.4	•	7 7 . 4	7.	• 1	* <u> </u>	•	•	• 1		. 4		
≥ 3500 ≥ 3000	. 7	7.		. 7	7, 4		7,7	· /			•	•		•	· · · · · · ·
≥ 2500 ≥ 2000	•	,		•	. , ,		7	• •	-	•	•	•	•	•	•
≥ 1800 ≥ 1500			. 7	. 7			• "		• ,	•	•	•	• ~	•	•
≥ 1200 ≥ 1000	• /		, 7	, , 7		•		• 7	• 7	•		•	• ,	•	• • •
≥ 900 ≥ 800	•	•	• 7	. 7	. 7	• 7	,	. 7	• 7	• 7	• •		•	• ′	. "
≥ 700 ≥ 600			, 7			9 , 7	,	. 7		• ,	•	,	• -	,	. 7
≥ 500 ≥ 400	,		7	, ,			. 7	, ,	• •	•			• '	, , ,	7
≥ 300 ≥ 200	•			. 7					• ,		•	•		•	• • •
≥ 100 ≥ 0	•			}	•		•		•	•		•	•		

TOTAL NUMBER OF OBSERVATIONS

DIRNA LUCEAUVET UNDS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

STATION NAME

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 115	≥ 114	≥ 1	≥ 3,	≥ 4,	≥ 1/2	≥ 5:16	≥ .	≥ 0
NO CEILING ≥ 20000	• 1	75.01	7		• 1		76.1	· 1		10.3	• •	• 1	• •		***	•
≥ 18000 ≥ 16000	•	•		 			. * • * : . * • * :	• c	· · ·			•				•
≥ 14000 ≥ 12000	,	7	: .3i 		•	3.1 7.1	::•≛i .7•	7.5	~ • -	37.	7."	7.1	· · · · · · · · · · · · · · · · · · ·	•	•	•
≥ 10000 ≥ 9000	•	•			t .	, ,	15°0				. 1.	•			•	•
≥ 8000 ≥ 7000		1.	71.5		7.	1 • •	1.	1.2		71.	1.	1	•	1.	1.	•
≥ 6000 ≥ 5000	•	• I	5 1.5	• 4	• 1	3.4	- 1		• 1	• 1	1	• 4	. 4	• 1		•
≥ 4500 ≥ 4000	• 1) • 0		. 7	• 7	. 7	4.7	. 7	. 7	•		7	• ?		• /		• ,
≥ 3500 ≥ 3000	7.1		3	7 . i.	9	7		7,4		7.4	7.1	7.4	7 • -		7	
≥ 2500 ≥ 2000		•	\$		• 7		• 4					?	• • • • • • • • • • • • • • • • • • • •			
≥ 1800 ≥ 1500		•		. 7	7	7.7 2.1		7	, , 7	7 • 7	្រី ខ ែ ១១	• 7	• • • • • • • • • • • • • • • • • • • •	1 38.	○ 6 , 7 .	• 7
≥ 1200 ≥ 1000	•		7	. 7	. 7	7 . 7 2 . 7	: `, ?	7 . 7	7. 6 . 7°	1	1		•			•
≥ 900 ≥ 800			7 7	7	. 7	7.7	20.71	7.7	, 6	•		•	1 1		197. j	
≥ 700 ≥ 600			7	. 7.	7	3 . 7 3 . 7		9.7	, ; , •		1		· ·	1 .		
≥ 500 ≥ 400		•	7		7	9.7	3.7	7.7	;0.7		1	1	<u>.</u>	*	1	
≥ 300 ≥ 200			. 7	7	7	5 . 7 7 . 7		, 7	30 7	L					100.5	
≥ 100 ≥ 0	5 . 1	-	• 1	7	7	♥ . ? 7		7	7	1	1	1		4		

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (STA	ATUTE MIL	ES)		_				
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11%	≥ 11.	≥ 1	≥ 3,	≥ 4,	≥ %	' ≥ 5/16	≥ '₄	≥ 0
NO CEILING ≥ 20000	7	,	7	7 .2	7	70.	7 • •	7 •	7	7 1.5	•	7	7		7 - •	7:
≥ 18000 ≥ 16000	7 . 4	70.4	7 . 4	7 .4	7	7: 4	7 ·	7 .4	7 .4	7:04	7-04 70	7		7 .:	7	
≥ 14000 ≥ 12000	1.7	1.	51.2 51.9	-1.5 	1." 45.0	1.	J ^ ⊘°	1.3	1.7	31.3 33.0	21.7 55.7	51.5		1.	· 1 • 7	
≥ 10000 ≥ 9000	"	19. j	37.0	n > . ?	ят. ° 5°•	9 • ·	83•2 38•7	*• 2)		59.00	.0.9 -3.00	•	• •		. (4 • .) . (1 • <u>1</u> •	
≥ 8000 ≥ 7000	· 1		2	. 1	. 1		93.1 -2.1	2.1	. 1	73.1 73.	47.1 40.5	97.1	! 	```. <u>- ′&•</u> .	• ! _• .	· • :
≥ 6000 ≥ 5000	• 1 <u>′ •</u> 4	5 • 1 7 • • 4	7 • 1 7 • 9	• 1	57 . U	6.1	25.1 5ε.⊶	5.1	. 1	3.1 70.4	-1	11 • i				
≥ 4500 ≥ 4000	7.6	ः ७. ७ । ^८ • ;	37.4.	7.4	37.5 00.7	7.1	77.4	7.4		27.4 2 <u>2.4</u>		7 22		197 . 4 197 . 71		6.7 ·
≥ 3509 ≥ 3000	· · · · · · · · · · · · · · · · · · ·	3.7	9^.7 3 .7	· 1	39.7	~ 9 • ! - ~ • 7	55.7 50.7	y . 7	10.7	17.7	99.7	-	· · 7	· · · · · · · · · · · · · · · · · · ·		45.7 ••?₹.•
≥ 2500 ≥ 2500	9.7	1	90.7	30.7 Le <u>•</u> 21	97.7 101.5	ار و د اعتقال	1:0:0 1:0:0	`∵•7 L∷•0∤	۰۶ ۰ ۳ ۲۰۰۱	19.7 193.c	9.7 1.1.e		. 7)0.7 Lugari	0 9.7 120•1	1
≥ 1800 ≥ 1500	/ • 7.			l • l •	100.0	1 10 • 0	116.6 150.6			173.5 173.6			_			
≥ 1200 ≥ 1000		·		1	1 (5 • 1) 1 21 • 1 •		150.0; 150.0;	1	. , ,	130.67 174.	• .	_ •	•	100. 100.	1 ur • m) 1 g m • n)	1
≥ 900 ≥ 800	. 7	1		1 • 3 100 • 0	1 7 .	. 0.∪ 	1 27 • 1 1 27 • 1	1		1	•	•				1
≥ 700 ≥ 600		! (• . : !	10.0	1 7 3 • 6 1 7 3 • 6	101.5 100.6	1 - 5 • (. 1 - 7 • 5	100.00 190.00	1 .0		1	•	•	•			1 .
≥ 500 ≥ 400	· · · · · · · · · · · · · · · · · · ·	i • 1		1	1	1 0 • 0 1 0 • 0	100 . 0 107.0	1		1		1	•	L	1	1
≥ 300 ≥ 200	, , , , , , , , , , , , , , , , , , ,	1	1 7	1	1	0.0	100.0 100.0			1 000 1 000	•	1				1
≥ 100 ≥ 0	· • •	- 1	! •	1 1	1	i G	100.0 100.0		3."	1 7 7 • 1		10.	• -	1	157.6	100

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING					-		VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 114	≥ 1%	≥ 1	≥ ३,	≥ %	≥ 1/2	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000	,	7: 7	1 . 7	7 . 7	7 . 2	7	7 .7	7 . 7	7 . 7	7 7	7 . 7	7 . ?	7: 7	•	71.7	-
≥ 18000 ≥ 16000	3.3	***	34.7	- 4 . f	ii of∈ Second	4.1	0 . € 5 4 . €	4	4	· • • £	ų. v.€	-4•-(4•-)	* * * * * * * * * * * * * * * * * * * *	4.	u e	•
≥ 14000 ≥ 12000	. , ?		9 .:	76.0	14.4 50.3		A4. 5	•	- 6 • 6 	36.00	1. • £. 5, m • *			•		
≥ 10000 ≥ 9000			9 . 4	·	7 . 4.	3	. 4	. 4	0 * . 4 2 * . 4	92.4	77.4 77.4	• u		, ,	₹.4	•
≥ 8000 ≥ 7000	ئه <u>م</u> قر غر	5 . 4	9.4	.4		7.4	[24.4] [25.7]	5.7	5 . 1	25.4 25.7	7	7 I • 4	- 7	- C • 14 25 • 7	. 7	
≥ 6000 ≥ 5000	7.1	10.4	97.4	77.u	- ? ₹. 4	7 • 4 3 •	7.4	7,	97.4	7.4	9 7. 4	97.4. 0.5	7.4	· · ·	77.4	
≥ 4500 ≥ 4000	7.7		9 . 7	~ • 7	1	ε. ⁷	08.7 97.1	. 7	57.7	72.7	7 . 7	7. •7	^ • ·	γδ. * .9•		·.
≥ 3500 ≥ 3000	4.	i -1., ;	90.0	95.0 199	. 95 • .; 	9.5	99.3		49.7	79. 79.1	65 . T	74. 74.	^ • · ·	99. 99.	30.1 30.1	· .
≥ 2500 ≥ 2000	5.7	7.7	0 . 7	1	7	19.7 1 0.0	00°.7 	~ - 7. 1 " : • 5¦	, s , • 1	99 .7 100 . 0	99.7 121.60	49.7 150.5	7 1	79.7 170.0	िल्ड , 7 ! ि•्र	1.
≥ 1800 ≥ 1500			1	1	1" •"	100.0 100.4	160.0	1 1 3 6 M	100 . 5 103.5	193.6 193.4	100.0 100.0	100. 100.u		155. 135. q	:	l ^ l ~
≥ 1200 ≥ 1000	5 • 7		le'.u 1 // • ?	1	10.0	1 2. 1 6.2	107.0 148.5	ر. اب در 1	•	100.0 100.	1		• 1	107.1 100.1	1 (7 • 5) 1 • 7 • 7)	1. 1
≥ 900 ≥ 800	8 • 7 • 7		17 •0 194•0	1	1	i 0. : 1 <u>0. :</u>	157.0			170.5 174.5	1	1	1 •	: 7 !	:50.00 :52.00	1
≥ 700 ≥ 600		1	101.1 101.9	100	1	175.3 175.3	120.5 180.5	1	1 .	1	1 (*) 1 (* •)	177 197.5	1 !	1 C.	: . î •] : <u>_ î</u> •]	1
≥ 500 ≥ 400	7		100 . 0	1° •0	1	ind•0 1∩0•0	100.5 100.5	l ` • ' l ' • J	1 1 5 7 •	101.6 133.0	1:."•: 1:."•	100. 100.		1 .		1
≥ 300 ≥ 200	? 	11 3 4	13′• 13′•	1	1 7 . 7	1 5. 1 5.	150.0 150.0	1 .0 1 .0	107.6 101.5	100.0 100.0	1 • 0 1 • 7	126.	107.5	103. 103.	150.0 150.0	1
≥ 100 ≥ 0	8 • 7 • 7	1	16.5	1	1	1 0.0	107.0 107.0	• • •		13 . 5 130 . 5	1.5.0 1.5.0	100.3 1 1.00	100.0	195.J	ານີ້ໆ•ດີໄ ໂລລ•ດໄ	17. 17

TOTAL NUMBER OF OBSERVATIONS

CEILING							VIS	BILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1½	≥ 1%	≥ 1	≥ 3,,	≥ %	≥ 1/2	≥ 5/16	≥ ₁.	≥
NO CE:LING ≥ 20000	3.6	1.	51.° 8 .°°	1.1	1.	1.1	21.°	1.	1.0	1.0	1.0	* 1 • £ 7 • 4	11.5	1.	1.	· · \
≥ 18000 ≥ 16000	4 .	4.6	, 6 , 6 , 4 , 7	4.5	34.0	4.	54.5	4.5	4 . 5	4 . 7	. L	14.5	4 1		11.5	
≥ 14000 ≥ 12000	F . 41	14.2	0 • 21 3 • 21	5 • 2 2 • 3	6 . 7 5 . 2	5	60°5		29.5	10.2		4 (5 . •		•
≥ 10000 ≥ 9000		12.1	92.5	92.5 1.5	9) E	2.	97.5	- 6 • 5 • 2 • 5	92.F	. 30.00	₩2. 7.	92.9	, " . :			-
≥ 8000 ≥ 7000	: 5 <u>. 1</u> : 4 <u>.</u> 4,	14.01 12.1	94.3 9.1	94.8 55.1	95.1	75.1	,4	74.0	94.	74 · ·	24.	04.		2.1	. 4.	* I
≥ 6000 ≥ 5000	. 4 6 - 4	6 · 2	27.4	96.1	99.4	5.1	y 7 a 4	5 • 1 - 7 • 4	27.0	77.4	27.4	07.4	• 1	7.4		
≥ 4500 ≥ 4000	7.1	77.7	97.7	7.7.7	77.7	7.7	,7,7	7.7	7,7	77.7	77.7	37.7	?.7	· 57.	7.7	•
≥ 3500 ≥ 3000	7 • 1	78.4 98.7	90.4		26.4	ે έ. α ′ε. 7	57.4	. 14	٠, ٠,٠	75.4	. 4		7	* = - -	9.4	,
≥ 2500 ≥ 2000	7 . 4.	9.7	9:07	14.3	Ģ⊃.7 97	7.5	47.3 47.7	7.3	7 7	39.3	() 7 () 7	5 . 7	· · · · · · · · · · · · · · · · · · ·	7.5		; ,
≥ 1800 ≥ 1500	7.6	15.7	9 . 7	, . 7 1	9.7	9.7	93.7 105.13	7	4.6.7	7	. 7	24.7	•			, * : 1
≥ 1200 ≥ 1000	7 • 7 7 • /	1 5. 1	101 .u	160.5 166.9	1 (50° • 0). 1 (3 ° • 6).	10.1	1 (1.6)				1		;			
≥ 900 ≥ 800	7 . 7	1	• •	17	1 •	າ ວ. : ບ	1 . 1 • 1 1 1 . 1 • 1 1				1 •				·	· <u>.</u>
≥ 700 ≥ 600	7.7	100.	101 • T	182.6 186.5	100. 100.0	3.0	1 . 7 . 7									i
≥ 500 ≥ 400	·7 • 7	176.	00.0	153 153	10r. 10	1 0.4	: : : : : : : : : : : : : : : : : : :				•			i		i.
≥ 300 ≥ 200	7.7	1 0.0	101.0	157.0 1 3.5	157.0 188.0	170.	130.7			100.0	1		1 .		. ^.	•
≥ 100 ≥ 0	7 • 7		131 •U 151•1	17.45	1 .		1.1.0	77.03		1 (0 • c) 1 (. c • c)	1	1.		17.		1

TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FRET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ 1,	≥ 46	≥ %	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000	1.	76.1	7: .2	76.2	7 • .`	* 6 . C	71.2 01.5	1.5	75.2	76.2 11.1	7	7 . 7	7	6.	11.5	
≥ 18000 ≥ 16000	1.	1	1	. 1	`•1	. 1 2 • 4	1	• 1	· 1	3 2 • 1 3 2 • 4	57.6	• 1	1.3	•	1.1	
≥ 14000 ≥ 12000	1	7.	_4.° 3 7 •3	7.5 7.8	. y . €	7.	7	11.5	. 4 . 5 (7 . 7	34.5 37.3	. 4.5 27.4	57.5	, , , ,	7.		
≥ 10000 ≥ 9000	7	1.1	91 91.1	71.1	91.1	1.1	91.0 91.1	91.3	71.7 71.1	71. 31.i	1.7	1.1	1.	1.1.	1.1	: • <u>1</u> •
≥ 8000 ≥ 7000	7 7 1	3.	97.1	. 1	97.1	3.1 3.4	93.4	23.1	5 1 • 1 • . • 4	93.4	23.4	53.3 03.4	· i	<u> </u>	7 • 1 • • •	•
≥ 6000 ≥ 5000	4 . 5	4 . ·	54.5 95.2	20.0	94.5 95.2	4.0	94.4 95.0	4 . 7	24.5	74.0 76.03	54.9 55.2	94.0 76.2	.4.5 :1.2	. <u>26.</u> €.	.36.3 .36.3	. •
≥ 4500 ≥ 4000	· (• ^)	7. • E	91 • 7	7.9	56.7	5.7 7.7	97.9	267 _^7.3	97.7	77.7	7 7.	96.7 57.9	• . • . •	97.5	14 • 7 • 7 • 9.	. 7
≥ 3500 ≥ 3000	7.	1 38.50 <u>88.5</u>	9	07.9	7 . 9	5.0	41.9	- 2 - 2 - 2	3 . •	75.7	2 3	01.0	` • ·		,	
≥ 2500 ≥ 2000		78.9	90.1 20.7	59.1 79.7	≎0.1 ©0.7	79.7		- 1	- 3 · 1 - 5 · 7	99.1 99.7	99.1 35.7	93.1 <u>93.7</u> .	• !	- 23•1 -23±3.	~ · · · · · · · · · · · · · · · · · · ·	•
≥ 1800 ≥ 1500		7 q . 1 7 . (90.7	7.0	37.7	9.7	99.7	· · · · · · · · · · · · · · · · · · ·	13.7	99.7 99.	95 • ? 25 • ;	7.68 <u>19.3</u>	**************************************		39.7 39.5	•
≥ 1200 ≥ 1000	20 . ,	9.4 9.4	79.5	95.3		-5.	99.5 99.8	0 3 s s.	23.5	50.0		. <u>- 5</u>		74.4 14.4 14.4	.9.9	1 .
≥ 900 ≥ 800	ر. و د. <u>را و ت</u>	19.U		3.0 2.0	99.3	59 • 6 19 • 6	93.3	43.9		36.9	200	3		46	, c , 7	1 1
≥ 700 ≥ 600	- 0 - 1	7.9.4	42.	99.3 93.3	97.5 97.8	69.5 69.5	90.5	90 • d	77.8 57.6 70.7	99.9	75.0	30.0	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	• • • • • • • • • • • • • • • • • • •	\$9.9	1
≥ 500 ≥ 400	• 6 - 25 • 6	39.6 39.6	97.0	79.5 30.5	94.5	.9. 3	90.4 90.4	1. 3 .	99.5 93.9	99.9 99.9	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> </u>	0.7		3.7	1 .
≥ 300 ≥ 200	2 • 7 5 • 7	9.7	31, 1	99.9 99.9	<u>ده. ۱</u>	9.4	37.9	7.7	00.9	105.0	1.05.0	105.0	1	100	, , , , , , , , , , , , , , , , , , , ,	1
≥ 100 ≥ 0	7 ء	9.7	· /	04.9	30.00	19.9		19.9	_)			ı (.:. 100•0l	51 • n	100 • 11 100 • 11	ر. <u>11.1.5</u>	<u>.</u>

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI	SIBILITY (ST	TATUTE MII	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11%	≥ 1%	≥ 1	≥ ¾,	≥ 4,	≥ %	≥ 5/16	≥ '.	 ≥ c
NO CE:LING ≥ 20000				+		 								:		•
≥ 18000 ≥ 16000												1				
≥ 14000 ≥ 12000						!							·			
≥ 10000 ≥ 9000											ļ L					
≥ 8000 ≥ 7000			1	!	!	i										
≥ 6000 ≥ 5000		•		!	:						!					
≥ 4500 ≥ 4000															··	
≥ 3500 ≥ 3000										· · · · · · · · · · · · · · · · · · ·				•		
≥ 2500 ≥ 2000		•					1									
≥ 1800 ≥ 1500					!											
≥ 1200 ≥ 1000											_					
≥ 900 ≥ 800																_
≥ 700 ≥ 600																
≥ 500 ≥ 400							1		į			1	:			
≥ 300 ≥ 200				!												
≥ 100 ≥ 0		!				!		1		ĺ	t	1	,	,	. - · - ·	*

TOTAL NUMBER OF OBSERVATIONS

						VIS	IBILITY (ST	ATUTE MIL	.ES)						
CEILING (FEET)	≥ 10	≥ 6	≥ 5 ≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/4	2 1%	≥ı	≥ 4,	≥ 4,	2 %	≥ 5/16	, ≥,	 ≥ .
NO CEILING ≥ 20000	. 1	1			1 3.1	1::	1 1 1	1 1 1 4 1		15	1			,	
≥ 18000 ≥ 16000		1. 1			1 0	1		150.0 115.0	130	1 u 1 • 5 1 u 1 • 6	1 • 1				ī 1
≥ 14000 ≥ 12000	1.3.71	71 G10	1		173.0 173.0	155.1 155.1	1	1	1 - / 1		1	2		367.7 332.5	1
≥ 10000 ≥ 9000	1 1 2 • 7 1 1 1 • 7 • 7 1	0.710 10.110	/ • 1155 • <u>/ • 1150 •</u>	01:5.0 01:7.0	1 0.1 170.1	167. 188.8		1	1	1	1 . •. 1 . •	70.5 10.5	1 . 1 .		1 -
≥ 8000 ≥ 7000	1 (. 1 1 (. 1	10.110 20.017	10.010.	01 .7.0 51	173.J 173.J	1:0.0 1::00	1't' 175.5	1.7.0 155.1	1	1	173.0 17.0	. ~	•	1 17.01 110.0	1 1
≥ 6000 ≥ 5000	1 0.41 173.11	10.010 0.010	101.	∪1^^.^ <u>U130.</u> 6	100.0	100.0 100.0	175.5 1 5.0	190.5 190.5	175•0 175•7	100.	10.	1 -	1	‼ 1 7 • 11. <u>1 − 1 •</u> 11.	1
≥ 4500 ≥ 4000		13.010 <u>18.410</u>		3110.000 3110.000	1 3.0	100.0	17.00	100.5 137.5	170.0 195.9	130.5	177.3 197.9	137.	1 <u>7 </u>	100.0	1
≥ 3500 ≥ 3000	1	70 • 415 <u>6 • 713</u>		(41 01 • 1 (41 01 • 1	1 3.	1 :: 1 • 1 1 0 7 • 1	1 .0	1 72.6	1 1 2 • 3 1 : 5 • 5	1	1	16.	100. 100.5		1
≥ 2500 ≥ 2000	1 - 1	00 • 41 0		011 011	1 1 0 0	1	1 • C 1 • • • •	1 6	1020	1	1 2.				1 1 ~
≥ 1800 ≥ 1500	• 1				115.3	1	1 • 1	1	172.	1	• •			1 11.]•].	1
≥ 1200 ≥ 1000	· [•]!	0.013 0.313	<u></u>	<u>0127.0</u>	11 70.0	1 4 6	1 :.3	102.7	1 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1		1
≥ 900 ≥ 800	1 0 11 1 1 1 1	0 - 310 0 - 313		D16	1'3.2 1'3.0	100.0 100.0	10.3 105.0	170.	1 . •	1	•	<u> </u>			1
≥ 700 ≥ 600	1	16 • 610 10 • 110			100.0	100.0 100.0	1 • 3	1 10.0	1	1.0.0	1 7		• • _ • • • • • • • • • • • • • • • • •		1
≥ 500 ≥ 400 ≥ 300	1 1	<u> </u>	1.0.10	0101.7	170.0	1 20 • 5 1 20 • 5	1 • 0 1 • 0 1 • 0		1	150.0	1 .				1-
≥ 200		<u>:0.310</u>	1150	010: n 010: n	1 3.5	1	1/2.5	30.0	1 3 6 5	20.0	1		1		1 - 1
≥ 100 ≥ 0	. 11	ne dia		alionia	100.0		1 0	100.0		1	1				1 7

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				_			VIS	SIBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	ביו ≤	≥ 114	≥ 1	≥ ¾	≥ %	≥ ′a	≥ 5/16	≥ .	≥ 0
NO CE:LING ≥ 20000	1.	- 2 - 7	5 ° • °	. 7		1 3 3		• 1	. 9 . 7	7	1 1 1 7 1 2	53.1 73.3		7,.5	7	•
≥ 18000 ≥ 16000	•	7	7	7	73.2	7	7		7	7	7. • 5	,10 . 5 7 ° . 5	7	,	71.7	-!.
≥ 14000 ≥ 12000	7 7 9	12.2	77.7	7.1.2	72.0	2.2	7 7 . 7	77.	77.5	7.	72.5	72.3	74	74 • •	77.	7
≥ 10000 ≥ 9000	77.	75 - 5	7 .	7 .	7	7	79	•	7 : -	74.	75.7	7 - 3	7 . 7	- •,	- -	•
≥ 8000 ≥ 7000	1 . ·	5.1	3: 4	. 4	45.4	5.00	35.4	5.4 6.1	36.1		55.4 84	5.°	• :	· .	7.1	·- ,
≥ 6000 ≥ 5000	°•4	5.	27.1	7.1	7.1	7.1	27.1 20.5	7.1		7.5	27.5	93.7	1.7	7	1.	. 1.
≥ 4500 ≥ 4000	ੱਟੂਰ ੇ ਨੂੰ •1.5		9 .0	0.7	5.00	3.	***	7.0	, , ,	91.00 93.4	01.2	51.2 53.3	1.5	74.	11.3	• • •
≥ 3500 ≥ 3000	7.5	3.5	34.6	44.	14.1	4 . 5 . u	94. 95.6	-4 a : .	74 of	04.9 04.9	94.5 95.9	94.0 94.0	45 · 2	75.3	**************************************	•
≥ 2500 ≥ 2000	14.7	5.5 (5.5	9.47	7.5	36.07	6.2	76.3 77.3	5.2	07.7	7 5	97.	76 • ** 77 • **	7	77.	* 57. °	7.
≥ 1800 ≥ 1500	4.0	16.6	37. 3	77.7	37.6	7.7	97.1	7.4	-7.3 27.6		57.0	7.5 2.3	5.0	• •		
≥ 1200 ≥ 1000	់ម <u>ិ</u> . ៤ . ១	6.6	97.3	77.6	17.8	7.:	5 7 m	7.6	27.6	73.3	9	7 . 7				
≥ 900 ≥ 800	- · ·	ره و رو د ای و و ا	27.5		^ -	÷ • • •	0 R			5.5	26.5	•		39. •••	`^4.7 70.	•
≥ 700 ≥ 600	4	5 • 6 5 • €	07.	9 . 1	7	•	48.0° 8	,,		73.e	4-6	0 4			, , , , , , , , , , , , , , , , , , ,	•
≥ 500 ≥ 400	5 • ·	٠٠ ن • ن	27. 3		3	ं 8 • ।	\$ \$ A	• ,	n 2	7 . •5 2 € •€	94.4 -≥./	** • A	-		70.7	•
≥ 300 ≥ 200	4 .	* • *	97.	75. 78.3	38.0	ે • ા	5 H .		93.7	00.00	777 25	3	•	· · · · · · · · · · · · · · · · · · ·	70.3	
≥ 100 ≥ 0	14.7		97.3	78.	2 . 1	8	,	. •	93.0	78.6 94.6	96.4	34.5		9	* 35 - 35 - 1	1

TOTAL NUMBER OF OBSERVATIONS

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ 3,	≥ %	≥ ⅓	≥ 5-16	≥ .	 ≥ c
NO CEILING ≥ 20000		73.	7.	73.	6	7 7 3	5"." 71.3		7,7	13.3	٤٠٠٠	7.2		7	7	
≥ 18000 ≥ 16000	74.7	74 a ?	71	74.3	74.	14.3 74.3	74.3	74.5 74.3	74.7 76.3	1	74.7	74.	76.7	74.	74.	7
≥ 14000 ≥ 12000	7.4	77.4 73.7	- 1	77.4	7 . 7	13.7	7:.7	7 . 7	77.4 71.7	77.4	7 . 7	77	7 . 7	7 .7 7 .7	77.2	· ' · ·
≥ 10000 ≥ 9000	• 1		37.5	1	7	2.1 3.5	.2.1	• 1	• 1	* `• 1 53•>			`• <u>1</u>		• 1	
≥ 8000 ≥ 7000	7.	+ +	57.c	· 7 · ·	1.7	7.0	37.2	7.5	7.7 27.5	57.2 27.5	: 7. =	7 • · · · · · · · · · · · · · · · · · ·	7.	7. 7.	7.	
≥ 6000 ≥ 5000	1 2 1 • 9	1.	21.	1.	1.5	1.5	50,5 91.0	1	83.5 31.0	71.9	91.3	<u>'1•</u>	1.7.	1.	-1.0	•
≥ 4500 ≥ 4000	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	1 -3•1 1 -4•1	34.7	•• 2	9 • 2'	4	74.3	- 3	5 1 0 7.	4.3	7 C - 7	3 · 2	• - 		4.1	•
≥ 3500 ≥ 3000		<u> 6 - 1</u>	7	رده ۲			95.5		7.	22.	, , , , , , , , , , , , , , , , , , ,					•
≥ 2500 ≥ 2000	7 • ti	* • • • • • • • • • • • • • • • • • • •	90.7	3	3 . 7	78 • 7	3 7	. 7	73. T	9:.7	50	• 7 • .	• 7	, , , , , , , , , , , , , , , , , , ,	75.7 75.7	•
≥ 1800 ≥ 1500		1 . 6 • 7	02.7	- 7	9.07	٠٠ ۽	93.7 43.7	. 7	76.7		97. 95.		•	•	•	•
≥ 1200 ≥ 1000	•	5 - 3	98.7	7	3 • 7	7	4: 7	• 7 • • •	7.7.1	35 · ·	<u> </u>		,	•	0.0	•
≥ 900 ≥ 800	# • 1 	6 · 4	37.7	7	77.7	3.7	9. 7	7.	73.	74.3	40.		7		7	•
≥ 700 ≥ 600	•	1 2 4	9: • 7 9: • 7	- 7 - 7	9 7	8 • 7	36.7	7 • 3 7 • 3	, ,	34 . 5	39.1	'	**************************************			
≥ 500 ≥ 400			9:.7 9:.7	25.7	5 7	3 • 7				74 • 3. 75 • 3		<u> </u>			•	
≥ 300 ≥ 200		8.	3:.7	7	7	· • 7	72.7	7.	; 7, 1	,	4 0 •				9	•
≥ 100 ≥ 0	10.0	1 18.	9	7		· 7	. 7 . 7	•			57.5		. 7	9.7 9.7	7	

TOTAL NUMBER OF OBSERVATIONS

STATION NAME

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 114	≥ 1	≥ ¾	≥ 4,	≥ 1/2	≥ 5/16	≥ ',	≥ 0
NO CE:LING ≥ 20000	•	1	5%	7.		7 .	5.		7.7.	7.	7.	5_•		7.	7.	•
≥ 18000 ≥ 16000		4	5 • 5	1, 3 € € 60 €	ક કો દુ કે	(4 · ·	50.00 60.00	6 . S	- 11 - 3 1 - 3 - 2	5 ~ • € 5 J • 5	5°•.	1. • 3 € 1• 3				•
≥ 14000 ≥ 12000		71.0	7 . 5	7.7.0	ນາ.ກິ 71.•6	72.2	72.2	72.5	77.5	72.2	72.2 71.6	72.0	7 .6	7.	7	7
≥ 1000C ≥ 9000		9.0 _1.0		• 2	5 7		;;;•7	· • 7	<u>,</u>	6 3 • 7	e1 • 1 a 1 • 1	6 . 7				
≥ 8000 ≥ 7000		4.1	(1 u + 1 g 4 + 4	4.1	74.1. 54.4	4.1	34.1	- • i	-4-1 -4-4	14.1	-4.1 -4.4	4.1	2.4	4 • 1	4.1	- • •
≥ 6000 ≥ 5000		5.5	55.1 5°.4	8	/5.1 45.£	ნ•1 ∀•	26.1 26.1	5 • 1	. 1	25.1 89.2	მ5•! გე•	**•1 # *•3	. 1	4 • 1		• !
≥ 4500 ≥ 4000		1 • 1 1 • 1:	11.7 <u>20</u>	[] • 9 [4 • <u>/</u>	91.5 94.6	1	21.4° 54.5°	16.0	91.9 94.6	<u> </u>	91.1 94.6	01.3 14.5	` ″l.s _}8.£	1.	:1• 4•	1.
≥ 3500 ≥ 3000	. • 2.	7.0	د		, ,	7.	, C , 7	7.	2 . 7	75. 3 7. 3	97	11.3 -2.3		75.7 27.3	7	•
≥ 2500 ≥ 2000		7.5	. 7 . .	27.J	97. T	7.	47.3	7.	7,7	∴7•3 23•5	57.7 24.	9/• ! :_•	7.7		· 7 • /	•
≥ 1800 ≥ 1500	.11 . 0.	7.6	, 3 , 7	75.00		6 . ° € • 5	34.4)1.6	• • <u></u>	C = _r_	. 5 • √ 	· · · ·		• •	•	. A . P • ·	•
≥ 1200 ≥ 1000	7.4	•	, ,	77.6		15 • . 2 • 1	91.6	^5•6 ^9•2	- 7	73.1		^ . <u>5</u> 4, 7	•	•	,5 • ∕ ,0 • 7	•
≥ 900 ≥ 800	•	2 • 3 • 3	9 . 6	"700 405		٠, ٠ ١	, 7 , 7	79.3.	• 3	19.7	-5 • 7 -2 • 7	-	• 7 • 7	• 7	7.7 7.7	• •
≥ 700 ≥ 600	• ·		9 • 4	1 - 1 - 3 - 1 - 4 - 3	7	9.J	· (• ;	*•3 \(\frac{\psi_0}{2}\)	7	9.7	-7	7.7	;	• !	7.	
≥ 500 ≥ 400	,	•_		7.7	, 7 , 7	79.7	7	7 • 7	• 7	197.6 199.3	17.00	. * 1: • <u>} </u>	7	الله (الله الله (الله		
≥ 300 ≥ 200	7 • I	•	<i>y</i> .	· 7	7).7 5.7	.0.7	7	3 7 7	•	! `•^ !•^	178.7 177.9	1 • 7	10 • 1		
≥ 100 ≥ 0	7 • 1 7 • 1			. 7	7.3.7	7.7	50.7	9.7			1	i 7 •	1	1		1 •

TOTAL NUMBER OF OBSERVATIONS

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)		· · ·				
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	ביו ≤	≥ 11.	≥ 1	≥ 3,	≥ 4	≥ 1/3	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 20000	• • • • • • • • • • • • • • • • • • • •		5 . 7	7 7	• 7			• 7.		7	· .	• ,	. ,	•		, .,
≥ 18000 ≥ 16000	7	7	7 . 71 . 4	7	7	1.	7 • 71 • 1	7	7	, ,,,,	71.		• 4		1.	•
≥ 14000 ≥ 12000	•	73.	7 • 1	7.	7	7.	77.5 74.5	, t _i	7 •	7 - • - 7 (• 7		•			•	•
≥ 10000 ≥ 9000	1.	1.	1.	1.3	1.	1.	1 •	1.1	1.7	1.1	1.	1 • 1	1.	1.1	1.	
≥ 8000 ≥ 7000	4 . 7 6 . 4	~ . 7		4.7		4. 5.4	• •	• •	3 - 7 1 - 9	• 7	4 . T				•	•
≥ 6000 ≥ 5000	نو. پلو	· · • • • · · · · · · · · · · · · · · ·	9 .	- 1 7.	. 7	\$ • 1		, , ,	. 7	• 7	• 7	• (•	•	• `
≥ 4500 ≥ 4000		1 • ¹	7:	:• •••	3	1.	91.	i • .	· •	91. . 3.≥91.	1.	1.	• • • ? • ?	·1•	 	•
≥ 3500 ≥ 3000	• •		,	اڳو. رئونڙي ل	7.	5.5 7.3	7.7	• ',		• • <u>- </u>	, , , ,	7.	, , ,	· · · · · · · · · · · · · · · · · · ·	74.7 77.7	•
≥ 2500 ≥ 2000		7 • · · · · · · · · · · · · · · · · · ·	5 7 • 1 - <u>/ - •</u>	7/•3 	•	7.	• ~ •	, , , , , , , , , , , , , , , , , , ,	"." °.	- 7 • ► - 2 • • 3	. 7.6 . 11.6	7.			• 1	•
≥ 1800 ≥ 1500	<u> </u>	7.4 _ <u>2.4</u>	у .	. 3	• 1		7		<u>.</u> ^.		•	•	• *	•		•
≥ 1200 ≥ 1000			• · ·			ن. د . :			•		• •	7	• /	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	•
≥ 900 ≥ 800	 <u></u>		* * • ₩ • • •	~ ;		,	•	*• <u>2</u> • • • • •		• 7		· · '.	• 1	•		• '
≥ 700 ≥ 600		•	9 % • %	. 1	•	19.4 9.2	•	• 3		• 7	• *		• • • • • • • • • • • • • • • • • • •	'	39.7	• `
≥ 500 ≥ 400	• • • 1 • • • •	•	71		1 3	9.3		• 3·	•	<u>.</u>	<u>, </u>	•		1 •		•
≥ 300 ≥ 200	• 1	ć •	• 5	,	; • ; • ~	•	99.1	• 5		<u> </u>	1 • 1	• -	1 • 1 1		1.7•7 1.1•	1 .
≥ 100 ≥ 0	-6.4 ۥ1	18.	93.6 9.6		•	?•.	77.		•	•	1		! •' ! •^	118.0 219.	1	1 ·

TOTAL NUMBER OF OBSERVATIONS __

1							VISI	IBILITY (STA	LTUTE MILI	ES)		·				
CEILING (FEET)	> 10		2 5	≥4	. ≥ 3	≥ 2½	≥ 2	≥ 11 ₉	≥ 11.	≥ 1	≥ ¼	≥ 4,	>			
	≥ 10	≥ 6		= 4	<u> </u>	,						- *	≥ 1/2	≥ 5 16	≥ '•	2.0
NO CE:LING ≥ 20000			6.5.65		A * • •					• •	•	•	•	•	•	•
≥ 18000 ≥ 16000	7	7. • 7.	7 • 3	7 . 7	7	7 7	7,07	- 7		7	7			7	-	
≥ 14000 ≥ 12000	74.1	74.4	72.4	74.4	74 77 .	.77.	77.	14 . U	770	7 7	7 7	74.5		· · · · · · · · · · · · · · · · · · ·		
≥ 10000 ≥ 9000		•			• .		•	• •		1			•		•	•
≥ 8000 ≥ 7000				•		5.			• • • •		•	•			٠.	•
≥ 6000 ≥ 5000	7.		.1	. 1			• !	. 1	•!	i , i	,1	• 1	• 1	•	• ?	•
≥ 4500 ≥ 4000	•		7.4.	4.	4					7.			_ •		•	
≥ 3500 ≥ 3000	. •		. 21.	. 201	- 1, , ,	4				<u>L.e</u>			4.5		4.	•
≥ 2500 ≥ 2000	•	7	97.7 .23.	7.3	7,	7.	,7,			,		•	•	7.	· · · · · ·	
≥ 1800 ≥ 1500		7.	9 . 1								•	•	•	•	•	•
≥ 1000 ≥ 1500	•	7.	7 - 6 1 2 1 - 6			. •	<u>/''•</u>	•			• ,		•	•	•	
≥ 900 ≥ 800			6		2.0	, • •			•			:• :	•	•	•	
≥ 700 ≥ 600	1		3 . ·			/•	7 - 1	• • • •		7		7	• •		\$.* \$.*	•
≥ 500 ≥ 400		•	3	• 6	*	7		• 7		1 .		1	!		•	1 .
≥ 300 ≥ 200			•	•		7.		7.1	•			1 .				
≥ 100 ≥ 0			•			7.		e . ;	15 • 7;	•	·	i				

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVICLE, NO.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)			-			•
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11 ₂	≥ 114	≥ 1	≥ ¾	≥ 46	≥ 1,2	≥ 5-16	≥ .	≥ 0
NO CEILING ≥ 20000	• 14 • 12 • 1		<u> </u>		,	1 • 7 • c	77.	7	•]		7 .		,	7	75.	•
≥ 18000 ≥ 16000		ξ.	7 . 7 .	•	,	16.1	7 . 7	7		,	7 . ,				•	
≥ 14000 ≥ 12000	7	7/.	7 • 1	7 .1	7	1	70.1	1.		7	1.	1.	* .	1		
≥ 10000 ≥ 9000	•	•	1 (• 5) 1 (• • 1)	•			14.2		7.5	• • • •	7.	•	•	•	•	•
≥ 8000 ≥ 7000	7	7.	37.1 5.	, , ,		7		• • • •		7.	,	•	• •		•	•
≥ 6000 ≥ 5000	•	•	, .		•	•		•		•	•	•		•	•	•
≥ 4500 ≥ 4000			0 / • ·			3.	•		•	7	-			·		
≥ 3500 ≥ 3000	•	5 • 7 • 11	5.	,	•	7.		7	·	3	27.	• •			•	•
≥ 2500 ≥ 2000	•	7.	• •		5, 7	7.	•	•		7.	•		3. • . • • • •	' · ·	,	
≥ 1800 ≥ 1500		7.	٥٠. ١		·	7	7.	7.			•	•	• •	•		•
≥ 1200 ≥ 1000	•	7.	91. 91.	• 4	, A	• : 9 • ?	74 C . 3	•		77 € - * * • t		•	• 4 • 7	•	· ; ,	•
≥ 900 ≥ 800			7:00			9	7	•					• 1	•	`.	7 •
≥ 700 ≥ 600		11.	9.9			7	 			•	40.		• •		•	•
≥ 500 ≥ 400				† 	7 . A	9 • 2		•	•	• • • • • • • • • • • • • • • • • • • •		•	•	•	•	
≥ 300 ≥ 200		,,, , , , , , , , , , , , , , , , , , ,	7 • 1		0	9. 3.							• *	•	•	•
≥ 100 ≥ 0			5 7 7	,	 	9.			•						•	1 .

TOTAL NUMBER OF OBSERVATIONS

MAYAL ACATHER DESCRIPTION OF THE PROPERTY OF

CEILING VERSUS VISIBILITY

HOURS 1 5 *

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST.	ATUTE MILI	ES)						
,FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 213	≥ 2	≥ 11.3	≥ 114	≥ 1	≥ ¹ 4	≥ 4,	≥ ',	≥ 5 16	≥ .	≥ o
NO CE:LING ≥ 20000		***	71	21.1				•/ .i.e.i.	1	33		•			•	•
≥ 18000 ≥ 16000	1.	11.	71.	71.7		11.7	71.1	. • ?			7 ,	'. •				•
≥ 14000 ≥ 12000	-• ` . <u></u>	74.	7 11 <u> </u>	· · · · · · · · · · · · · · · · · · ·		7					· 	· · · · · · · · · · · · · · · · · · ·		. • • .	•	•
≥ 10000 ≥ 9000		1.	. <u>. 1</u>	• •	1	 	1.1	·•. - -1	· · ·	1 • · ·	· · ·	·•··	· •	• • • .		. •
≥ 8000 ≥ 7000				. 7 		• 7	• ·	• 7 - ;	• ⁷		·	·	•	• .	•	
≥ 6000 ≥ 5000	7 • ` • •.	7. 1.1.	•	* - * * = -	-				_:•	<u>.</u>	•	_ : • .	•	. :•.	•	
≥ 4500 ≥ 4000				• • • • • •		<u> </u>		• • _ 5 • •		1.	• : •	•	•		•	•
≥ 3500 ≥ 3000				<u>. 1</u> .	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	, • • •	• •						•	•	. , .	·
≥ 2500 ≥ 2000	•	?•.				· · · · · · · · · · · · · · · · · · ·	•	· • ·	• 	• • •	. • .	• .	•	. • • .	•	
≥ 1800 ≥ 1500		<u>,</u>	· - • -	. <u> </u>		•	~ . .	• · ·		- • .	• .	• ;.	•		,	. •
≥ 1200 ≥ 1000	. • .		·	7			<u></u>		_ <u>.</u> .		•	•	•	. • .	•	
≥ 900 ≥ 800	•	•			· <u>-</u> -	}		··· -		<u>-</u> .		_ •	•			
≥ 700 ≥ 600	•		<u>-</u>		•			<u>.</u>					•		• •	
≥ 500 ≥ 400 ≥ 300	•				•				•		• .		. 7		-	•
≥ 200										<u> </u>	·	=	-	•		
≥ 100 ≥ 0	·	·	<i>i</i> .					<u>• i</u>	• •	<u> </u>		<u> </u>				<u> </u>

TOTAL NUMBER OF OBSERVATIONS

CORTAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ADHEVILLE, NO

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							V15	SIBILITY (ST	ATUTE MIL	.ES)						
(FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11°2	≥ 11.	≥ 1	≥ 1,	≥ 4	≥ ⅓	' ≥ 5/16	_ ≥ '.	≥ 0
O CEILING ≥ 20000			•													
≥ 18000 ≥ 16000															•	
≥ 14000 ≥ 12000			•- — <u> </u>											• · · · · · · · · · · · · · · · · · · ·	•	
≥ 10000 ≥ 9000			•												•	
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000											•			• •	•	
≥ 4500 ≥ 4000			† ·						~				*	•	•	
≥ 3500 ≥ 3000		···· · · ·	•					•			•	- — —	•	••	· ·	
≥ 2500 ≥ 2000		•	•										*	- -	•	•
≥ 1800 ≥ 1500		,	•		·						•				•	
≥ 1200 ≥ 1000	-		+			!					•	•	•		•	
≥ 900 ≥ 800		• -	+					*			•	•	•	•	•	
≥ 700 ≥ 600		• • • • • • • • • • • • • • • • • • • •	*···					·			*···			• •	•	•
≥ 500 ≥ 400		•	•					†		<u></u>	+		•	• -•	•	•
≥ 300 ≥ 200		•	•				· ·-·		····	!	!		•	• •	•	•
≥ 100 ≥ 0		•	•					 		l		· ·	•		•	•

TOTAL NUMBER OF OBSERVATIONS

DIPMANUCEANMET SMOS

NAVAE WEATHER SERVICE DETACHNO '-1, ASHEVILLE, NO

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI	SIBILITY (ST	ATUTE MII	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11⁄2	≥ 11.	≥ 1	≥ ¼	≥ 4,	≥ '3	 ≥ 5 16	. ≥ .	≥ o
NO CEILING ≥ 20000							i			1				•	·	
≥ 18000 ≥ 16000		•	•	•							•		•	•	•	•
≥ 14000 ≥ 12000		•				1				!				•		•
≥ 10000 ≥ 9000					:										•	
≥ 8000 ≥ 7000														_		
≥ 6000 ≥ 5000							!									
≥ 4500 ≥ 4000							:									
≥ 3500 ≥ 3000							! !									_
≥ 2500 ≥ 2000							:									
≥ 1800 ≥ 1500									<u> </u>							
≥ 1200 ≥ 1000								•								
≥ 900 ≥ 800				:			! !		<u>. </u>		: •			_		
≥ 700 ≥ 600			·		•	!						.				
≥ 500 ≥ 400								i		i	:					•
≥ 300 ≥ 200											1					
≥ 100 ≥ 0										:	!				•	

TOTAL NUMBER OF OBSERVATIONS

NAVA ... WEATHER SERVICE DETACHMENT, ASHEVILLE, NO.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ′.	≥ 0
NO CEILING	4.		•	•	•	7	7.0	7.0	7.0	ξ	-	• 3		•	•	1.
≥ 20000		_ 7 e : .	<u> </u>				5 ()	/ • <u>·</u>		6000	24.5	100	• 1	·		~ .
≥ 18000	•	4 .	J 4	. 4	· • "	- 5 .	50.	12.00	* E • *	55.	A → 2	18 Az 🛊 1	.1	• 1	•	•
≥ 16000	`_ e '.	. 5.1.	-		· • 1,	6.1	$z_i \approx 1$	1		67.1	67.1		• -			. •
≥ 14000		-7.1	່ລື• .	5 7 • €	· • 1	$\epsilon = 1$	C - • 1	• 1	1	59.€	5	1.4	1 7 . "	•	71.	•
≥ 12000	• .	11.	7		7 . 0	72.	7	7:0	7 . 3	7 .	77.0	7 .		<u> </u>	35.	. 77.4
≥ 10000	•	7.	7 . "	7 • 6	7 🐪	70	7 ⋅ • 2	7.	7	5	•	* . •	1 . 4	1 • •	'• '	•
≥ 9000	•	·	7 •		-	19.	70.7	د ه ٠	· · · ·	•	• ''	•	7	<u> </u>		1
≥ 8000	•	1 • "	• •	. 7	. 1	7.1	• 1	• 11	• !	• • 1	••1	1	. • •	• •	£ •	٠,
≥ 7000	•			7.1	• 8		* • •	3 . 4		- 4 . 4		- 4 - 4			· - · ·	· !
≥ 6000	′ • ¬	7 .	• 4		- St. • 3	$[\cdot,\cdot]$		1	• 1	~7 • 1	7.1	17.1		•	•	•
≥ 5000	• 4.	. g 🖢 🤼	· • •	<u>7</u> →		7.	ر <mark>7 و ن</mark>	7.5	7 • •	•	•	•		•	. 1.	•
≥ 4500 > 4000	• 1	7 •	•	•	•	٤.		• 5j	•	•	• •	5 / • ·	,	1.	•	•
≥ 4000		_ [••	_3 .		•	•	•		•	110	• • • •	77		•	∟""•••	•
≥ 3500 ≥ 3000	•	•	•	11.0	?) • ·	1 •	71.	اد ۱۰	1.5	•	•	~ 2 •	. • 1	•		•
_ }	• .	• •	<u> </u>	1 • 5 •		1.7	73.07	3 9 7				7 7	•		•	•
≥ 2500 ≥ 2000	• .	•	• 1	1.9	•	2		• /	(· · · ·	•		•	• •	1 4 4		•
		· · <u>-</u> •	<u> </u>	•			9.7.		<u> </u>	7.3.5	<u> </u>	1 = •1	· • .,	• •		•
≥ 1800 ≥ 1500	•	• •	- 21 • °		- 1 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	- 12 • ×	9. • 7		•		• •	•	•	•	,	
-	•	<u> </u>	* 1 • 1		3 - 3	<u> </u>			· · ·		•	- · •	• •	•	· • •	•
≥ 1200 ≥ 1000	•					23.0	93.2 93.0	• •	•	1 14	* * • •	•	• ",	• 1	* * *	• .
+	٠		21.	•		3	7 3		•	340	4 -		• - • .	• •	•	
≥ 900 ≥ 800	•	. • .		•	• · · · ·	13.3		* 4 . Z		75.3				• -		•
	•		71	• •		3.	7.0		4 .	•	•	C, ±	-	•		•
≥ 700 ≥ 500	•	•		• 2	1	3 - 11	97.9	4	د .			,		6.4		24
≥ 500					<u> </u>		· • ·	11 2	- 4 0		<u> </u>	I	· · · · · · ·	1	٠,٠	22
≥ 400 ≥ 400			2.0		့		, ,	4.2	4 -	, ,	l grill				, 3 .	9
≥ 300		1.			60.0	3.	11.0	74.2	. 14 . 7	7.	. 7					
≥ 300 ≥ 200		11.3	31.6	7		~ 3 •	22.0	4	4.5	05.0	3		. •	2 4		
≥ 100		1 •		7.	5.5	3.	, 7 , 13	4.0	1.	7	45.7	30,00	7 . 7 . 6	ī,	്ളം ന്	1 .
≥ 100 ≥ 0				- 3	100	3	. ~ . 3		4	35.	55.7	45.2	14-66		3 . 7	

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MII	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	ביו ≤	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ '•	≥ 0
NO CE:LING ≥ 20000	7 . 7		6 .		6.4	- 3	1.	3.3	1.7	1.7	11.7	1.7	11.7	1.	7.7.	7:
≥ 18000 ≥ 16000	7.7	50.3	6 . 7	. 7	6-3	9.1	7 . 7	7	7	70.5	7	7,01	7 . 7	,	7 .	71
≥ 14000 ≥ 12000	13.7	'1•7	71.7	71.7	7 - 7	72.7	77.1	7:	77.7	73.	7	7	77.7	7.4.7	7 7.7	• •
≥ 10000 ≥ 9000	1.	• .	3	• 3	•	3. 3.	. 5 . 7 5 7 . 7	.7	7	- , . ? - 3 . ?	57.7	E . 7	14.7	4.	4.	•
≥ 8000 ≥ 7900	· 3 • 3 - 7 • 7	4.7	3	: 3.5 : 5.5		5.7	7	j	7	20.5 20.7	36.8	56.7		7 • 7 • 3	7.	
≥ 6000 ≥ 5000	7.	5 • 7	91.7	7.	67.7	7.7	-	• 3	• •		, ,	1000 1000	::. <u>I•^</u>	- 7. - 1.	1.	.).
≥ 4500 ≥ 4000	· · · · · · · · · · · · · · · · · · ·	۶.۶ <u>[علا]</u>	16 .7	1.2	7	2.7	,1,7 -3,5	77.3	7.7	21.7		1.7 .:3.3	•			
≥ 3500 ≥ 3000	1.7	2.7 <u>2.7</u>	0.	د ه <u>3 ه</u>	-4.0° 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 € 1.00 €	4.7	35.	7. 1. p. 1. 7. 5. p. 1.	/	•	• •	•	7	ئىلىد داھىئنىس	. <u></u> . <u></u> .	
≥ 2500 ≥ 2000		?•2° _ُفِخَـُـُـ	, , , , , , , , , , , , , , , , , , ,	4.97	74 . (4.3 4.7	15.7	7	10.7	25.7	95.7	د . <u>"</u> حد د .	. : <u>.</u>	9 • .		
≥ 1800 ≥ 1500	1.	3.	9 · • 3	14.	24.5	5.	7			i ?ఎ•? <u>. ?⊌•</u> ⊊.	· · · · · · · · · · · · · · · · · · ·			7.	-7.	
≥ 1200 ≥ 1000	i •		7	4 . 3	34.7	5.7	96.7	. 7	7	10.07	57.		•	' • • .	•	
≥ 900 ≥ 800	1	, , ,	7 7	74.7	,,,,,,,	5.7	76.7	7.	., 7 .	7.7.	7 · 2			•	•,	
≥ 700 ≥ 600	· · · · · · · · · · · · · · · · · · ·	3.7	94.0°	44.7	25.7	5. t.	77.	7.7.	7.5	÷ 7	77.7	<u>~ 7 </u>			, p , 7	
≥ 500 ≥ 400 ≥ 300	· · · · · · · · · · · · · · · · · · ·	7.07	- 14 ·	4 . 7	7	٥.	27	7.5	7	97.	97.7 57.7	7 7			0 . 7 5 . 7	•
≥ 200	1.	7,5	74	4.7	, - 7	5.	7.	7.		77.	97.7	77.7		- ;- ;-;-	· • • • • • • • • • • • • • • • • • • •	1
≥ 100 ≥ 0	1.			4.7	1 1	٤.	7.	. 7		7.	97.7	77.3			70.7	ا المار

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING						_	VIS	IBILITY (ST	ATUTE MIL	LES)						-
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 114	≥ 112	! ≥1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ₁,	≥ 0
NO CEILING ≥ 20000	7.	7.	7.5		5	7.5	∪ 7. 5	· • ·	7	57.5	17.5 55.5	57. 61.3		1 69.0	57.5	-
≥ 18000 ≥ 16000	7,	1 6 • °	67 67.0	(7	67.7 57.7	·7.3		67.2 67.3	17.	67.	67.9	57.		7.	67.7	4.7.0
≥ 14000 ≥ 12000	- G • (9 74	7 • 3	7 3	7 . 7	73 75.3	71.7	75 • 3	75.7	7 .2	7 • 2	7 . 3	7 .	7	7′•?	7
≥ 10000 ≥ 9000	•	0	31.c	1.5	1.5	1.0	51.5 51.7	1.9	-1.5 -1.0	1.	1.	1.		1.	1 • ·] -] . [- ! .
≥ 8000 ≥ 7000	٠, ٠,	٤.) * • 6		-5.6 85.6	:5.6 6.€	3 . • 6 3 6 • 6		- 1 . A. - 3 . • 1	64. 🐧	5 5 • f		• *		3.6 44.6	•
≥ 6000 ≥ 5000	7	7.0		· · · 3	01.	1.5	1.	3.3 1.3	. c . t . c <u>.</u> ₹	1.2	51.5	11.3	1.7	1.	1.7	
≥ 4500 ≥ 4000	1.5	د . د و و	94.7	74.7	5 1 . (34 . 7	4 , 7	92.5	7	1. • t 1. t • 7	2 in • 7	7.4.7	7	• 7	12 • · • 4 • 7	- 4 . 7	•
≥ 3500 ≥ 3000	5	: 45.7 : 26.2	99.)7 2	15.3 7.5	9. • 3 97• 3	7.1	. 6, , ? . 7 , 3	18.1 21.1	97.	1 1 • 3		[m∃] [2 7 . 3]	75.1	77.
≥ 2500 ≥ 2000	· /	7.	97.1 97.1	27.7 23.5	97.7	7.7	9 7. 7	7.7	, 7 • •	97.7		7.7	7.7	•7•7 ?	97.7	97.7 57.
≥ 1800 ≥ 1500	•	27.	9 P P	^ 3 . .	9 . 1	•	91. 30.7	• • <u>•</u>	• ~	9 3 •		· · · · · · · · · · · · · · · · · · ·	. 7	97. 93.7	98.7 93. 7	
≥ 1200 ≥ 1000	· • • •	7.7	9	9.3	7: 7	2.1	9: 3	د . <u>د</u>	. 5 . 7.	70.00 78.00	: : : • 7 : : : : • 7		. 7	7 7 7	76.7 75.7	
≥ 900 ≥ 800		7.7	93.5	0 . • 3 1 € • 3	9 - 6 2	5 . J	55.3 91.5		7	75.1 75.1	51.7 91.1	7 . 7	. 7	୍ଟ୍ର <u>'</u> ବ୍କ	33.7 -2.1	7
≥ 700 ≥ 600	∠ 5 • 1	77.7 17.7	97.3	· 3		: • 3 • 2	39.7 99.1	, • \$	7 3 6 7	5 4 • 5	C'	· 7	· · ·	οφ. [20•	43.°	193. 193.
≥ 500 ≥ 400	•	7.7	95.7			0.1 5.3	, r , d	· • · ·	() • T	* • : • 7	•		•	99.	32.7	79 • 7
≥ 300 ≥ 200	• 3	7.7	91.3	3 · • 3 9 · • 3	3 % •	• /	9:			9 - • 7 98 • 7	99. 99.	73. 47.	77.3	9 • ! 9 • !	29.7	1 .
≥ 100 ≥ 0	. i	7.7	9 7 • 3 9 F • 3	° • ;	• 1	:	90 • 1 90 • 1		, , , 7		97.1	69.	73.3	99.1	વેલે.7 હુલ,7	1 .

TOTAL NUMBER	OF ORSERVATIONS	

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)		· · · · ·				
(FEET)	≥ 10	≥ 6	. ≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/4	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 'n	≥ 5/16	≥ '.	≥ 0
NO CEILING ≥ 20000	.7.1 57.	:7.4	57.0		57.4 57.9	7.4.	57.4 67.5	57.4 57.9	57.5	57.4	6 7 . 5 6 5 . 2	57.3 ()	• 1	5 • 3	5 •1 63•3	• 1
≥ 18000 ≥ 16000	7.	62.0 68.6	6 ·	ن ن و ب		6 6 6.	6 3 6	1 - 2	6 . 7 5 2 . 6	5 · • • 6	6° •6	5 • 3 5 • 9	?		6 · . 3	
≥ 14000 ≥ 12000	7 .	71.7 75.1	71.	71.	71.00 75.00	1.	71. 7~.	71.	71.0	71.	71.7	71.7	71.1	71.7	71 71.7	71.7
≥ 10000 ≥ 9000	1.1	1.4	81.5	11.4	-1.4	-1.4 -2.4	£1.4	1.4	<pre></pre>	-1.4	-1.7 <u>-2.3</u>	1.4	• 1	• 1	· · · · · · ·	• 1
≥ 8000 ≥ 7000	•	5.3 5.65	84.7 56.5	• <u>:</u>	94. • 3 34. • 5	6 • ? 5 • »	65.2	100	· · · ·	5 • 6 •	# 1 • 3 5 • • 8	70.5 11.7	,,,	27.	7.	· · · · ·
≥ 6000 ≥ 5000		19.5 1.2	21.0 21.0	13.6	71.2		89.5	- `• ·	31.5	710.	51.	21.0		· · · · · · · · · · · · · · · · · · ·	<u>/1</u> • ^	. 1 <u>.</u>
≥ 4500 ≥ 4000	1.0	· 2.0) . t.	• U	· · · ·	7.2 e 7.	92.4 <u>25.6</u> 5	1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50		<u> </u>		y	7		. <u> </u>	· · · · ·
≥ 3500 ≥ 3000		· · · · · · · · · · · · · · · · · · ·	91.6 <u>91.6</u> 1	, • t	• t		7. 6.	• t	· · · · · ·	,	· • •	16.	. 7	ε. • • 7	76.3 - 70.3	• <u>7</u>
≥ 2500 ≥ 2000	. <u> </u>	. <u> </u>	9 • C	6 2 • 0 13 • • 1	7.05	• • • • • • • • • • • • • • • • • • •	7	ا. • . ان • ث	··• <u> </u>	76. 73.00	30 . 2'	• ?	• <u>*</u>	• 7 • • 7	9.7	. 7
≥ 1800 ≥ 1500	•		7	3	7: 7		9 • · ·	· · · · · · · · · · · · · · · · · · ·	• •	9 7	• 3 • • • •	·	• 7 • 2_• .	,7 ,24 • ;	7 • 7 1 • • 1	• 7
≥ 1200 ≥ 1000	***	1 (90.7	• 3	30 - 30	* *	9 . • .	• <u>\$</u>		3	· · · · · · · · · · · · · · · · · · ·		. <u> </u>			•
≥ 900 ≥ 800		- 18 ·	5 • 3	• •	7:07	•	7 7 7 9 2	- 2 - 3	•	7. • .	· · · · · · · · · · · · · · · · · · ·	· '	• • [••••	7 • - 1 •		* * *
≥ 700 ≥ 600	• • • • • • • • • • • • • • • • • • •		· · · · ·		,	•				10.5	. , 7	• <u>7</u>		· 5 •	- C	5-1
≥ 500 ≥ 400	• '	2.	3	7.03		١.	7		* * * * * * * * * * * * * * * * * * * *	7	• ? • ? • ? • ?	↑ ↑	3			
≥ 300 ≥ 200		18.	90.3	ر . 3 ه 3	3 • 1 4 <u>• 4</u>	• •	5 · 3	3.3	7	56.7	90.7 90.7	70.1	7		3 9 7	1
≥ 100 ≥ 0	10.0 10.0	(≧ €. . 3•	97.3	03.3	92.7 93.7		हिल ु प यश ु र	• 3	7	99.	97.3		· · · ·	5.7	.0.7	1

TOTAL NUMBER OF OBSERVATIONS

CEILING			· · · ·				VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ (1)	≥ 1	≥ 3,	≥ %	≥ ⅓	≥ 5/16	≥ '4	≥ 0
NO CEILING ≥ 20000	71.1	6 . 4 72 . S	5 4 72.5	7. • *	7 . ?	5 • 4. 72 • 3	71.9	7	7	.3 ⊕ ¹⁴ 7 → ₆ 3	7.0	, ,	7 . 4	7 5	51 6 1 32	•
≥ 18000 ≥ 16000	71. 72.9	73 • 7	7 1. ?	77.3	77.7	73.7	73.2 74.7	74.5	7 ' • 7		77.7	7 . 7	7 ?	74.7	7	7
≥ 14000 ≥ 12000	74.4	76.2 77.1	7 • 1	76.0	70.0 79.1	76.7	76.2 75.1	7 2	76.0	7 t • 1	75.5	7:01	7 1	7 7	7	, .1
≥ 10000 ≥ 9000	•	3.	6	17.8 4.5	Γ₹•∂ 44•¶	3 + 1 4 + 2	94.5	, • . 14 • .		٠.	4 5	4	•	7.	•••	- • r
≥ 8000 ≥ 7000	7.	- y	3 .	6 7 . 2	33.	.) • (' 	ت. اوري	7.2 2.5	200		A0.7	79.2 39.5	• ;	5 G . C		
≥ 6000 ≥ 5000		1.7	91.3	91.3 64.0	51.°	1.3	-1.1 24.2	1.3	11.7	1.	/1.5 54.5	11.3	4.2	14.7 14.7	1.7	71.
≥ 4500 ≥ 4000		5.7	95.7	74.7	0€.7 2€.€	: . 7 	ાં. .? .કેે	. 7	. 7	31. 7	95.7 96.0	າເ .7 ໂຮເວັ	.7	15.7 36.	7. e 💆	
≥ 3500 ≥ 3000	•	6.4 5.	17.1	<u> </u>	17.1	76.	97.0	76.1	7.1	7 97.1	51.1 57.1	7.1	7.4.0°	97.1	94.6	77.1
≥ 2500 ≥ 2000	4. . 4. <u>.</u> /	7.1 7.	97.1 97.1	67.5 67.2	37.5	7.	√7.5 ∴	7.5	.7.	97.0 93.0	97.5 98.5	≎7.5 7:.7		3 7. 5	97.5 72.5	97.
≥ 1800 ≥ 1500	4 • %	7.6 8.4	98.5 98.5	• 2	9 .6	ြိ∌ ÷ ဗို ∎ာ	9 : • 6 9 : • 6	اڻ و نهيوناڻ	* • *	99•1 95•1	/ • ?	9 • 3 • • • •	دههای راهور		ାର • ବ ବ • ∸	•
≥ 1200 ≥ 1000	å, _p ≥, la <u>p</u> +	3 8.	90.6 90.6	1	93.6 93.6	3 • € < • ÷	90.5 90.9	7.4		95.65 95.4	• · · · ·	^ •5	٥	• •	5 . 5 - 2 . 3	~ •
≥ 900 ≥ 800	24 g	*8 • d	90.9	• •	02.0	2 . 4 2 . 4	၁၈ .၅ ေ ဇွ	, ° 3	1	99 • 3	3 34 . 1	. 9		3 	60.9	•
≥ 700 ≥ 600	: 4 • 6	ۥ.	90.9	18.9 98.9	3 · • 0		9 (• 9	• 0	, ,	29.2 79.€	90.7	^^•3		ુવા વર્ષા	,5,	**
≥ 500 ≥ 400	14 . 1		9 - 9	5:.3	3. 0	₹ • 1 • j	91.41 71.9	ا: ج: اه		99 <u>.</u> 3	36.3	93.3 69.3			2 • T	
≥ 300 ≥ 200	4 • 4 1 • • 1	8 • 🗆 5 • 🗇	3: 0	73.9	30 . n	•	98.5		٠ <u>.</u> ٠	99.3 99.3	99.7	50.3		9		* * * *
≥ 100 ≥ 0	4 . N	5.7	7 . n	a.g	্ডু- ুল জিল	ار و د اد و د	, <u>.</u>	. 7	୍ କରା ଅନ୍ତର୍	19.5 79.5	90 . T	140.3 195.3		9.		1 •

TOTAL NUMBER OF OBSERVATIONS

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)				· · · · ·		
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 114	≥ 1	≥ 34	≥ 4,	≥ 1/3	≥ 5/16	≥ '.	≥ 0
NO CE:LING ≥ 20000	11.1	5. 76.	7t	76.0	7-0-1	rέ•.	5 · • 5		1.	76	75.5	74	7.5	78.	,	-,-
≥ 18000 ≥ 16000	77.4	76.	76.	7 7	75.	75.2 75.2	75.5	7: . 3	76.5	76.5 75.5	7 . 7	7 . 9	, , 4	7.4	77.4	,
≥ 14000 ≥ 12000	76.5	90.1 2.5	ه ^ د د • آد	2.1	7•1 1:•1	~~•1	.^.1	. 1	• 1	•1	33,5 33,7	3		1.	1.7	
≥ 10000 ≥ 9000	· • 1	6.4	50.4 5705	7.3	37.4	7.2	7,c	37.2	7.2	3 t • •	64.9 7.007		•	7 • 1 - 2 • 7	7.7	
≥ 8000 ≥ 7000	9.1	?1.4	91.4	71.4	*1.0	1 • · · · · · · · · · · · · · · · · · ·	1.4	-1.4	11.4	11	71.7	51.4 51.7	1•? •	1.	11.6 	• = • • •
≥ 6000 ≥ 5000	1 • 4 - 3 • 7	<u> </u>	<u>ეე.</u>	د وده منعقد		n2. √5.⊑			27. ·	ر و الدور الدورة و		3.47 <u>61.</u> 47,	٠, ١	· , , .: <u>• :</u> .	ं 7 , 7 -= - <u>5</u>	
≥ 4500 ≥ 4000		ं ६.4 ′ <u>- ' ६.</u> • ः,	97.3	7.03	26.4 27.7	7.	97.3	7 • 3	17.7	37.3	97.7	-7.3. -7.7	· · · · · ·		7.7	
≥ 3500 ≥ 3000	• 1 • • •	76.7	97.1	,1.; 	07.1	·7•:	67.3	3	· · · ·	97.3	57.7	• • t.	. 1			•
≥ 2500 ≥ 2000	• .	7.7	9:	2,	3 - 6 ()	a • ·		•		• • • • • • • • • • • • • • • • • • •	<i>'</i>		• i		1.	
≥ 1800 ≥ 1500		7.7	95.2			8.2		22.5	• 2	•	· · · · · · · · · · · · · · · · · · ·	. Y . • 3 . Y . • ∱•	• 1	**************************************		
≥ 1200 ≥ 1000	• • • •	7.7	9:00	73 • 2 73 • 2	+ • ?!	3 • . 1 • • <u>.</u>	7 · 2	<u> </u>	• • •	7.5	<u> </u>		· = .		2.1	•
≥ 900 ≥ 800		7.	0:		•	8 • <i>2</i>	22.7	~ · · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • •	3,01	9 . 4.	• 5 • • •	• 1	• •	9.1	• • •
≥ 700 ≥ 600	• '.	7.)	•		• • •	9 0	• () • 2	7	C	7 .	: • : 	• 1		9.1	•
≥ 500 ≥ 400		7.	y F	• -	9 .	* 5 • • •	3.4	• :	, ,		•		• ',		7	
≥ 300 ≥ 200	•	7.7	94.0 94.7	• 2	9 .	•	9			3 · • 2	9 • U	1 5 6 G			•	
≥ 100 ≥ 0	• •	7.7	90.0	. 2	31.2	h • 12 • •	•			3 • •	3 . 651 3 . 61	33.00 32.5		79.	٠ ٠ ٠٠	<u>.</u>

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST.	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/2	≥ 11.	_ ≥ 1	≥ 1,	≥ 4	≥ 1,7	≥ 5-16	≥ .	≥ 0
NO CEILING ≥ 20000		• •		• 1		· .	60 g /	• 7 ₁	• • •	7		1.	3	1	1.	•
≥ 18000 ≥ 16000		. 5 • : 2 • • 1	6 • ·	• 5	5 · 7.	9.7	7	7	7.	7	7 • 1 7	1 1		-1		
≥ 14000 ≥ 12000	7 1 6 ts:	7 !	7 . 7	7; • - 75 • d	7 7. 7 ? .	72 • 7 • 7 •	72.0 77.1	72. 77.1	7	77	77.1 77.4	77.1		7.	•	•
≥ 10000 ≥ 9000	101	1.	1			2.4					•		•			• .
≥ 8000 ≥ 7000		·	> .3		77.00	7.	30.7	. 7	7.1		7. 7.4	7	7.4 7.6	7 .	, ,	•
≥ 6000 ≥ 5000	7.		91.1	1	1 . 1	5 V . 1	}] •	1.5	11.	1.7	• • •	21.	• •	•		•
≥ 4500 ≥ 4000			7	- • l	54 . Z	2.7	5 u , (1	~ • • • • • • • • • • • • • • • • • • •	4 . 4		5 .1	*•1 -••7		, <u></u>	•	•
≥ 3500 ≥ 3000	۱. معرف	14 13 . 1	95.9	•	9:		ga e	3	., <u>.</u>	. 430° . 2004.	10 1 • 10 · 10 · 10 · 10 · 10 · 10 · 10	0 €		7.	7.	•
≥ 2500 ≥ 2000	• •	5 • • • • • • • • • • • • • • • • • • •	7°.4	05.0 05.0	91.5	`5• 6•'	31.4 94.7		5,7 .T	25.6 25.6	37.	71.7 21.		7.	7.	
≥ 1800 ≥ 1500		. 7	y	. e . 3	ં કર્યું <u>જુર</u> ુ - જુ	5 • · · 6 • 2	97.1	. 1 	· · · · ·	20.00 20.00	: 7.	7.4	, , , -	7.	7.	•
≥ 1200 ≥ 1000	4 • * •	- 5 .	9.	10 • 3 10 • 6	76 • 17	7.	47.	7	, ,	-7.	· 7 · ·		7.0		. 7	•
≥ 900 ≥ 800	u . 1	15.	95.05 91.05	75.5 76.7	35.0	.7.1	97.4	7.1	7,5	₹7.7			• ,	. <u>-</u>		•
≥ 700 ≥ 600		`n • -6 •	9 • • ·	1:07 -5.07	77.0	7.1	7.4	7.	, , , 5 , , , , 5	97.7 27.7	57.	7.	• • • • ' •	-	•••	• •
≥ 500 ≥ 400) <u></u>	9.	75.7 5.7		7.1	77.4	7.	7, / • • 7, * • •	97.6	ÿ	• · · <u>· · 1</u>	• *	54.7.	· · · · · · · · · · · · · · · · · · ·	74.4
≥ 300 ≥ 200	L . 1	50 € 0 € • '	9 .	5 • 7 : • 7	47.	7.1	7.4	7.	• • • • • • • • • • • • • • • • • • •	97.7	9 - 1	· • 1.			. 43 • 1 . 10 • 1	
≥ 100 ≥ 0	4.4	ပ် ေ	7	• 7 • 7	67.	7.1 7.1	7 . 4	"。 "。	7.5	7.9	• 1	9 • 1	• *	99.	97.1	1 * • · · · · · · · · · · · · · · · · · ·

TOTAL NUMBER OF OBSERVATIONS

CEILING							VI	SIBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ ניו	≥ 1%	≥ 1	≥ 2,	≥ 4,	≥ %	≥ 5:16		≥ 0
NO CE:LING ≥ 20000		• • • 7	5 . 7 .i	7 .2	• •	7 . 3	75.3		7 7 7	i. •4	7 . 6	6.04 7.4		7	<u>.</u>	•
≥ 18000 ≥ 16000	2 4 • 3	71.	7	77	7	75.	75.2	7- • 2	7 • -	7	7	7 . 2		7		
≥ 14000 ≥ 12000	77. • 7.	77.		77.1	77	7.	7/. >	77.	77	77.4	7	7	•	1.	7	
≥ 10000 ≥ 9000	,	· • • ?	55.4 56.4		4	-4 •	4.7	7 - 7	- 4	F L .	4.		•		3.4	•
≥ 8000 ≥ 7000		7.	37 5	• -		7.	7.7	• 3	7 . "	77.	* 4	7.4				•
≥ 6000 ≥ 5000	•	•	à		ti ti	•	50°•7	, 7		ê .:		77.7	. 7		•	•
≥ 4500 ≥ 4000	,	• • • • • • • • • • • • • • • • • • • •	7	• .		: وال معاور	7 t.#	• • •			7	. 7			7.7	•
≥ 3500 ≥ 3000	•		9 . / 3 . 1	•	· · ·	7.4	7.5°		•		4.7.	์ รีผูญี่ กร•ุย		7.7	 .7	
≥ 2500 ≥ 2000	•	7 • 1	9 * . () 9 * . *)	7.5	7.7	7.7	,7.,	,	• 4			•		्रें . ं विक् र	• • • •	•
≥ 1800 ≥ 1500	• .	7.	97.6		<u> </u>		: • : <u>} •</u> _: <u>*</u> _:	7	, L	•	•	3			· ५ • 7	•
≥ 1200 ≥ 1000	•	7.	96. = 5 *	• •		1 . ·	7: . 7 2 . ?	,	_ •	•			•	•		•
≥ 900 ≥ 800	•	7.	ີ່. 	3 : • . 		r• 		•	•	. 11.	•			•	19.	
≥ 700 ≥ 600		7.		خ. <u>پ</u>	•		,	• 1			•	•			0 0 . 9	
≥ 500 ≥ 400	•	7 .		•		5	′/• 	• 1	• 1		. 4	. 4	• 5		. ** • * ^ • *	•
≥ 300 ≥ 200	1 • 1 • • • 1 • .	7.	9:.1 7:.1	. 7	, ,	5, 3	. 1			•			•		C 1	•
≥ 100 ≥ 0	·* • 1	7.7	90.°	• 7	্য . ডা	٠ ٠ ن ن	,0,1		•		74 1 . 5 4 1 . 6	49.		ាមិ ១៦ ខេត្ត	ξ., ·	1 .

TOTAL NUMBER OF OBSERVATIONS ___

MONE.	HOURS				PERCENTAGE	E FREQUENC	CY OF TENTE	HS OF TOTAL	SKY COVER	- 			MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
- 11														
		٠.			2 .4						24.1	in.4	•	
	:	:1.			? •						27.0	!7.5	. •	
	1 5	. ^			3.						> •"	.3.1	7,7	
	i	-			- • :								-	
	-	•			7. L						2 - 6	1.	· 3	
	1.7	· • · ·									. 1 . ~	. 7.=	: . 6	; ·
														_
TOT	'ALS	:1.		Ī							2 .5	35.7	7	1 -

	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF	NO. OF OBS.
-												! !	· ·	
	1											İ		
		1.1.						ļ			21.5	, .	•	
	• .				2 .						3 . 5	37.5	• .	
	1				-1.		ļ			l İ	1.	4 . 4		
		٠.	_		2.7						.,	-1.	•	
		1 .										15.1		
		14.0									22.	· · ·	. ,	
												· 		
									45. 0.					
									· · · · · · · · · · · · · · · · · · ·					
101	TALS				24.						27.	27.0	7.	1:-

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STATION HAM

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTA
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. O OBS.
	2												:	
		11.			2 .						~ . 7	77	. 7	
		1 .			, a		·			1	:::			
	1	4 • "			7					1	72.	34.0	7.5	
	<u> </u>	, .									7 .	7.	٠,,	
	•	•		 	•						÷ . 4	1.	7	
	 	; • f			• •	_						11.7	7	-
						_								
				_										
101	ALS	•			7						.	.5.0	. 7	1

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOT
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO. OB:
				!										
	-	<u> </u>				i			+					
	•										1.4.7	··	······································	
		+							· · · · · · · · · · · · · · · · · · ·		1	-		
	:			!										
· ·		·		•					•				•——•	
					1 7	2 · ·								
											<u> </u>			
				i										
				i										
													•	
	†	1											† · · · · · · · · · · · · · · · · · · ·	
	TALS		·								,		.1	

NAVWEASERVCOM

STATION

STATION NAME

SKY COVER

• •		· · · · · · · · · · · · · · · · · · ·	
	<u> </u>		
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENT	IS OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
	-				3:.7						21.	17.1	-	• :
	:	1 .			7						25	17.4	1.3	
					32.0		· · · · · · · · · · · · · · · · · · ·				1.7.	2 • 5		
	: +	: 			3 .5						30.	2.3		: 1
	•				3						3	21.	. 3	• ;
	i 	2			37.7			-			1 .7	10."		,
					ļ									
														
											ļ			
τοτ	ALS				· -						27.9	19.9	6	1-5

SKY COVER

3

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTI	IS OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
	-													
	!													
	!				. ,						1 .	17.:	7 . 5,	
		34, . 3			, -						17.3	7.3	. , 7	
	1	<u> </u>			45.7		-				20.	11.3	4.7	
	3				<u>.</u>						2:- • 3	13.	4.7	
	 - 				, , 7						7	14.3	۰.5	
	<u> </u> 	٠- ت			73.3						1 7.7	12.5	7 . s	
. <u> </u>														
	! 													
TOT	TALS	2										11.7	u . 3	17:

STATION	STATION NAME	PERIOD	MONTH

	HOURS				PERCENTAG	E FREQUENC	Y OF TENT	HS OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	6	9	10	TENTHS OF SKY COVER	
ا ــاـنــ												<u> </u>		
				<u> </u>		ļ			<u></u>	<u></u>		<u> </u>		ļ
		5:0-			33.2						1 .,	4	7.4	:
	<u> </u>	4		<u></u>	3' • 0					ļ	1. • '	3.2	7.5	
	13			<u> </u>	53.5					ļ	1 5	7.0	7.3	
	ļi	22.			F1.6				ļ		1 .	1.5	7.0	
	1	7			u5		ļ		ļ		22.6	<u>``</u> •	4.2	3
	2	4			71.1				<u> </u>	ļ	lu.	5.	7.8	
	ļ										j	<u></u>		ļ
					ļ			ļ	ļ					
							ļ	ļ '					ļ	
101	TALS				41.						15.	5.	-, 7	1

NAVWEASERVCC W

SKY COVER

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	1	N ₁	
STATION			STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	•			PERCENTAGE	FREQUENC	Y OF TENTH	IS OF TOTAL	SKY COVER				MEAN	TOTAL NO. OF OBS.
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	
	:													
	5.	4 .6			35.~						1 - 1	4	7.5	
	:	• `			2						12.5	ε.	•	<u>:</u>
	1.				4'.F.						17.1	7.5	7.4	
	:	- •:									23.1	12.1	4.5	3
	•	. • ?			1.7.						^	12.	4.3	
		ц . :			2						12.	c		3
			,											
	<u> </u>													
TOT	ALS	3			37.5						12	9.1	3,5	17

SKY COVER

	The state of the s	· t - 75 77 - 47	
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												TOTAL
		0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
	<u></u> .			!										
					<u> </u>			ļ			ļ			
	-	5.1.			7.4						12.	7, %	^ · "	
	12	4.			20.5						1:5	6.	7.3	
	1.	3 .			3.5						1.00	7,5	3.5	200
		3 .			3						10	٠, ١	3.6	
		40.7	_		3						1	7.5	. 4	7.4
	22	5 . , ,			25			ļ			1 .7	7.1	2.4	2 a
						_								
101	ALS	4 .5			-1.7						16.0	7.0	7.1	1:7

1_2_	FALL No 's'	
STATION	*	STATION HAM

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
		0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	
						-					<u> </u>			
		3:•				*					23	14.7	4.5	?
	<u> </u>	2.			30						21.	17.1	4.7	3
	1 .	24.			;·						2.3	14.4	4.6	3
	•	24.			3 • 1						21.6	17.4	4.9	3
	11	35."			73.4						17	14.1	7.0	3
	22	47.			24.		·				1 7 . 1	14.1	2.3	3
								 			 -			
								-					-	
101	ALS	20.4			13.0			L			20.4	14.1	4.2	1 = 3

SKY COVER

STATION MANE PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	TOTAL
	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
* (**	9:					ļ 							İ	
	-					ļ							<u> </u>	
		1.	,	ļ	73.2	, ,		<u> </u>			31.3	27.4	1 ?	<u>.</u>
	<u> </u>	11.1	<u> </u>		77.4	ļ 		-			24.4	26.0		<u> </u>
	13	1.	·———		27.8	ļ	ļ 				34.01	24.7	4.6	, .
	<u>.</u>			ļ	21.		ļ				2	38.6	4 . 5	
	<u> </u>	2.	,		1.3	<u>, </u>	<u> </u>	!			21.	27.5	٠, 5	4.1
	-	3	<u>,</u>	<u> </u>	22.7	ļ	ļ				23.	27.	: • 1	
	ļ		,	<u> </u>		<u> </u>								
	<u>}</u>		r 				ļ		<u> </u>			<u> </u>		
	<u> </u>		·			ļ				<u> </u>				
	<u> </u>		<u> </u>			<u> </u>								
10.	TALS				7 7	_ -] !			7.40	24.6		1

STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

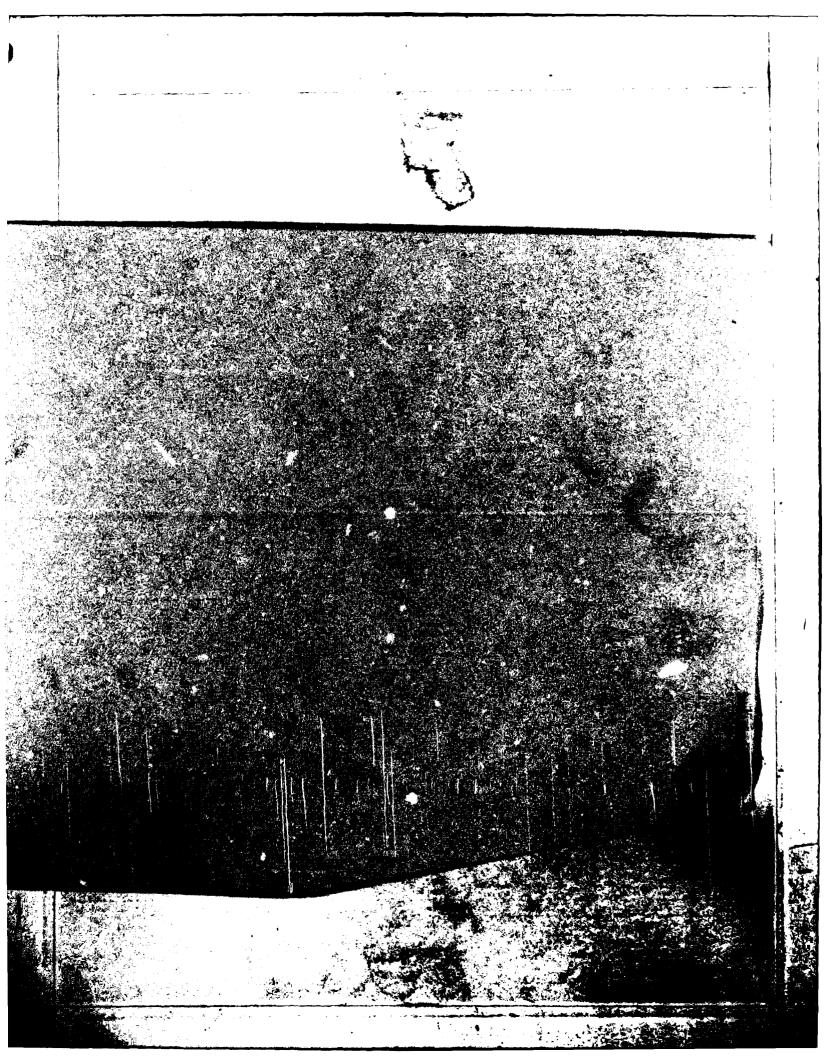
	HOURS				PERCENTAG	E FREQUENC	CY OF TENTI	HS OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF	
175														
	-													
		1 • f			7		ļ		ļ	-	1	26.		?
	1				30					ļ	24.3	25."	۶.ς	
	<u>.</u>	1									31.0	27.1	6 4	
	<u> </u>				7.4					ļ	.,,	c • 1	٤.5	<u> </u>
	 	25.2								-	•	36.7	- 5	
	- 2	2			31.3			ļ 			72	22.4	.1	2.5
	 	<u> </u>							ļ					
										ļ				
								ļ		ļ		ļ		
101	ALS	1.			. 3						20.5	26.7	1.9	1 é

F 11 2.4 2.

TATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	IS OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
	ALL	11.			27.2						25.5	75.7	. 7	1'.
F.C.	!				24.1						27.	ק.ייי	7.5	1
					77.3						2	72.	7	
p		14.			30.						2 . • 3	26.2	, , 1	1 ~ /
· · · · · · · · · · · · · · · · · · ·		. ,,			35.7				ļ 		27.8	19.0	1.5	1
		3 • •		 	4						. 2.4	11.7	4.3	77.
ن ر		, ,		ļ 	41.5						15	5.7	7.2	1 4
					74.5						12	5.1	7.5	177
		4 .5			71.7						1	7,7	٠.1	1: "
		12.4		<u> </u>	77.						10.	14.2	4.7	<u>:</u>
<u> </u>			- 		~, . 3	·					· · · a	25.6	F. 6	1 -
		17			*n.n						21.0	26.7	r.o	16
101	TALS	22.			32.7						23.	20.5	:.2	2111



Neco, Federal Building Asseville, N. C.

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative numidity. The order and manner of presentation follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
- 2. Extreme values derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature

NOTE: A supplementary list also provides extreme temperatures

b. Extreme minimum temperature

when less than a full month is reported.

- Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

 This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread norizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the tetrine, of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares $(\sum X^2)$, sums of values $(\sum X)$, means $(\overline{\chi})$, and standard deviations (σx) . The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

- a. Dry-bulb temperature
- b. Wet-bulb temperature
- c. Dew-point temperature

Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

ieroemitage frequency of occurrence of dry-tulk temperature versus wind direction - This tabulation is believed from hourly observations and is presented by month and annual, all hours and years commined. In main body of the summary consists of dry tulk temperatures spread vertically in four degree increments and horizontally to eight wind directions (plus calm).

DAILY TEMPERATURES

STATION

STATION NAME

YÊ AR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
					<u> </u>		1.	• *			- · · ·		•
•			•	•	•		12.5	5 • 7°	•	•	•		
			•	• 1	. 4	12.4	44.7	7.5 . 5	4		•	-	_
-		•				77.	76.4		73.1			-	3 - 1
· ·				1.7.	16.1	1.2.6	31.0	62.6	44.5		-		
			ـ	7	75	70.4	7.4	02.6	65.5	•		-	
	-		•		54	72.5		96.5		76.4	• •	-	, •
			. 4.	_ · · ·			- 28 - 7 .		76.7		. 1 •		
• •		2 -/;	9 • 4	33.9.	71.6	92.6	<u> </u>	8 • A.	_ (a. 5.	<u> </u>	> • /	• • -	4 •
	- • .		25.5	· 1 · 1	32.7		1 0 • 3	1 3 4 1	95.3	75.1	1	•	• '•
	<u>.</u> • 1.	1.3	41.	67.2	<u> </u>	9.7			100	2.2	34	\$ • ? _	~ .
· 5_		41.4	. 6 <u>1</u> • 3.	1.2	ુ વૈદ્યું હું	79.7			9.9.7	(2.7	5 5 6 6	21.5	7 . • ;
		62.5	73.3	1.6	53.3	1 '3			400.0	15.6	72.	43.3	٠ [•]
4	55.0	3 . 2	1.5	7.0	1 10 • 0		·		·	· · · ·	37.1	- 1.	9.
	7 .	1.7	77.3	09.5	•	•	•	•	-	74.5	ရဲ႕ ေ	77.4	94.
3		7.7	ာမှ 🔭	100.0			•	-	•	79.9	29.0	95.3	97.
	" " <u>" "</u> "	39 4	1111	•	•	•	•			100.00	ာရ ့ ေ	3".4	900
5.1	7	29.9			•					•	i je sajeri		3.0
		1			-	•		,			1		
•												•	•
	. ' •												•
	. · · .											9.7	•
												10 • 11 _	1 •
			,	-			_	_					
			•	•	•	•	•		•			-	
						•	•		•	•		-	
					-		•		•	•		-	
					•		•					-	
	••						-	•		-		-	
	. .				•							-	
	,.					4						-	
												-	
 -												_	
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	l			_		•		·		•	•	-	
			·•		•	•		•	•	-		-	
MEAN		•		र्चि∗् ।	74.5	ਦ ਜ਼ੁਰੂ <u>ਦਾ</u>	======================================		1.5	57.7		耳下。 太二十	
\$. D.		• 77.	-4	ति । यन श	[T.] 44.		E-357	7,753	7.72	कि ∙ हे तक क	क्रस्ट्रद्रा'	ক্রক্রক	77.71
TOTAL OBS.	 	7.1	· 		771	- TIT.	775	777	∵ त्रह	·· • 7 55		735"	

NAVWEASERVCOM

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#### **DAILY TEMPERATURES**

STATION

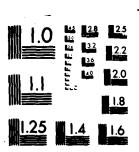
STATION NAME

YÉARS

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

|   | TEMP (°F)  | JAN.          | FEB.        | MAR   | APR              | MAY                | JUN                         | JUL         | AUG                                   | SEP          | ОСТ                 | NOV     | DEC           | ANNUA   |
|---|------------|---------------|-------------|-------|------------------|--------------------|-----------------------------|-------------|---------------------------------------|--------------|---------------------|---------|---------------|---------|
|   |            |               |             |       |                  |                    |                             | •           |                                       |              |                     |         |               |         |
|   |            |               |             |       |                  |                    |                             | 2.7         |                                       |              |                     | -       | _             |         |
|   |            |               |             | •     | •                | •                  | 1.7                         | 14.7        | 1 .                                   |              |                     |         | Am            |         |
|   |            |               |             |       | •                |                    | 12.                         | . 44.5      |                                       | • •          | -                   |         | -             |         |
|   |            |               |             |       |                  | •                  |                             |             | · · · · · · · · · · · · · · · · · · · |              |                     |         | -             |         |
|   |            |               | -           |       | • •              |                    | 17.3                        | . 74.5.     | 60.4                                  | ્રે∗ ♥ ્     | • .                 | -       | -             | 4       |
|   |            |               |             | • 1   | 1.1              | ୍ଟିନ୍              | 71.1                        | 73.1        | بها به ود                             | 44.7         | • %                 | • ***   | •             | _       |
|   | 4          | •             | 1.5         | 2 • 4 | 11.1             | 1.                 | 2 - 7                       | 97.1        | 77.5                                  | 7 .5         | 1 - 1               | 1.      | • * "         | *       |
|   |            |               | 5.          | 9.7   |                  | 1 5 4              | 2.                          | 3.7         | 59.3                                  | 6.6          | 41.4                | 4. •    | 1.            | ī.,     |
|   | -, -       |               |             | 96    |                  | 1 3 - 75           |                             |             | 1.9.7                                 | 6.           |                     |         | · · ·         |         |
|   |            | • .           | 3 2 9 4     | . 2.7 |                  |                    | •                           |             | •                                     | • *          | •                   |         |               |         |
|   | =          | . • .         | ذ ∙ د       | 4 . 1 |                  |                    |                             |             | i di Portini                          | • 12.        | •                   | 44.     | 1.7 • 5       | -       |
|   | -          | •             | AŲ•#        | -1.7  | ຸ ີ໌ • າ         | 19•6               |                             |             |                                       | 09.7         | - 95•7 <sub>1</sub> | 66.7    | 15 <b>.</b> 4 | •       |
|   | :          | · • 1         | ≥3.7        | ÷4.   | 5 D . S          | 1 5 .              |                             |             |                                       | •            | 7 • 7               | a □ • 7 |               | •       |
|   | ï          | 71.           | 54.3        | ί     | 1                | • •                | •                           |             |                                       |              |                     | · •     | 77.0          | :       |
| - | - in -     |               | ~ o ~       | 3.5   | , •              | •                  |                             |             |                                       |              |                     | g.      | 1 . *         | •       |
|   | ٠, ٠       |               |             | 1     |                  | •                  |                             |             |                                       |              | • • .               | •       | 7 7           |         |
| - | . : .      | • .           | 7.          |       |                  |                    |                             |             |                                       |              |                     | •       | • 1           | •       |
|   |            |               |             |       |                  |                    |                             |             |                                       |              |                     |         | • 1           |         |
|   | * .        |               |             |       |                  |                    |                             |             |                                       |              |                     |         | · 41          | •       |
|   | • - •      |               |             |       | -                | •                  |                             |             |                                       | ·            |                     | ,       |               | • •     |
|   | 1 1 4      |               |             |       | •                | -                  | •                           |             |                                       |              | -                   | •       |               | 1       |
|   | <u>.</u> . |               |             |       | •                | •                  |                             |             |                                       |              | •                   | -       | •             |         |
|   | -          | . • .         |             |       |                  |                    |                             |             |                                       |              |                     |         | -             |         |
|   |            |               |             |       |                  |                    |                             |             |                                       |              |                     |         | -             |         |
|   |            |               |             |       |                  |                    |                             |             |                                       |              |                     |         |               |         |
|   | -          | •             |             |       | •                |                    |                             | •           | •                                     |              |                     |         | -             |         |
|   | •          |               |             |       |                  |                    |                             |             | •                                     |              | •                   |         |               |         |
|   | -          |               |             |       | •                |                    |                             |             |                                       |              |                     |         |               |         |
|   |            |               |             |       |                  |                    | -                           |             |                                       |              |                     |         | -             |         |
|   |            |               |             |       |                  |                    |                             |             |                                       |              |                     |         |               |         |
|   | _          |               |             |       |                  |                    |                             |             |                                       |              |                     |         |               |         |
|   |            |               |             |       |                  |                    |                             |             |                                       |              |                     |         |               |         |
|   | -          |               | ,           |       | •                | •                  | •                           |             | ,                                     |              |                     |         |               |         |
|   |            |               |             |       | -                | •                  | •                           |             |                                       | •            | *                   |         | -             |         |
|   |            |               |             |       |                  | • = -              |                             |             |                                       |              |                     | -       |               |         |
|   | i          |               |             |       |                  |                    |                             | -           |                                       |              |                     |         |               |         |
|   |            |               |             |       | •                |                    |                             |             |                                       |              |                     |         |               |         |
|   |            |               |             |       |                  |                    |                             |             |                                       |              |                     | _       | _             |         |
|   |            |               |             |       | T -              |                    |                             | •           |                                       | •            | •                   | _       | _             |         |
|   |            |               |             |       | † -              |                    |                             | •           |                                       | •            | •                   | -       | -             |         |
|   | MEAN       | <del></del> ; |             |       | - <del>-</del> - | <del>्यम , क</del> | in <del>al an lista</del> i | F F F       | <b>₹</b> #:•₹                         | 11.25. 394 f | 7.7 T               | ***** T | ~ T . * · **  | . a. m. |
|   | S.D        |               | <del></del> | ·     | 1 5              |                    | -                           |             |                                       |              | 7.7711              |         |               | 77      |
|   |            |               |             |       |                  |                    | <del>-</del>                | <del></del> | · 765                                 |              |                     |         | 7-4-          |         |
| 1 | TOTAL OBS. | ;             |             | '*    | 1                |                    | F.                          |             |                                       |              |                     |         | -             |         |

4/1 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) FALLON NEVADALUI NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC. AUG. 84 40 - 8150 461 F/G 4/2 M TWGLASSIFIED END



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU DE STANDARDS 1963 A

Jun 2.

#### **DAILY TEMPERATURES**

| 1 2     | FALLON, MV   | 57-87                                 |          |
|---------|--------------|---------------------------------------|----------|
| STATION | STATION NAME | YEARS                                 |          |
|         | CUMULATIV    | /E PERCENTAGE FREQUENCY OF OCCURRENCE | <u> </u> |
|         |              | (FROM DAILY OBSERVATIONS)             |          |

|   | TEMP (°F)  | JAN.   | FEB.  | MAR.  | APR.  | MAY   | JUN.  | JUL.  | AUG.  | SEP.   | OCT.        | NOV.  | DEC.  | ANNUAL |
|---|------------|--------|-------|-------|-------|-------|-------|-------|-------|--------|-------------|-------|-------|--------|
| ≥ | 3.6        |        |       |       |       |       | • 3   | 3.6   | 1.1   |        | •           | •     |       | . 4    |
| ≥ | 6.3        |        |       |       |       |       | 4.7   | 24.9  | 18.3  | • 3    | -           |       |       | 4.0    |
| ≥ | 7 %        |        |       |       |       | 1.1   | 22.1  | 64.1  | 52.0  | 3.7    |             | •     |       | 17.3   |
| ≥ | 7(         |        |       |       | • 1   | 9.9   | 47.9  | 99.6  | 78.8  | 32.2   | 1.9         |       |       | 21.5   |
| ≥ | 5 8        |        |       |       | 2.8   | 31.3  | 72.4  | 98.0  | 93.1  | 58 . C | 7.8         |       |       | 2 9    |
| ≥ | 10         |        | • 1   | • 9   | 14.5  | 55.8  | 87.8  | 99.6  | 97.8  | 77.6   | 27.1        | 5     | • 1   | 37.0   |
| ≥ | r 5        | • 3    | 2.2   | 8.9   | 31.9  | 74.5  | 95.8  | 100.0 | 100.0 | 70.8   | 48.9        | 3.9   | . 4   | 45.7   |
| ≥ | F 0        | 2.5    | 8.6   | .22.7 | 54.2  | 88.6  | 99.2  |       |       | 96.5   | 70.6        | 16.0  | 3.1   | 54.5   |
| ≥ | 45         | 10.1   | 25.9  | 47.4  | 75.9  | 96.6  | 100.0 |       |       | 99.2   | 88.0        | 40.3  | 11.1  | 65.6   |
| ≥ | 4 (        | 35 • 2 | 53.1  | 72.4  | 92.5  | 99.1  |       |       |       | 100.0  |             | 65.1  | 27.5  | 77-1   |
| ≥ | ₹.         | 47.8   | 76.5  | 90.4  | 3.85  | 09.9  |       |       |       |        | 79.1        | 83.4  | 50.5  | 86.8   |
| ≥ | 3.5        | 6 .4   | 92.1  | 98.3  | 79.9  | 10.0  |       |       |       |        | 09.7        | 93.4  | 72.7  | 93.5   |
| ≥ | 21.        | 84.4   | 98.2  | 99.9  | 100.0 |       |       |       |       |        | 79.9        | 98.5  | 38.6  | 97.4   |
| ≥ | ?          | 91.9   | 79.6  |       |       |       |       |       |       |        | 100.0       | 100.0 | 95.9  | 95.9   |
| 2 | 15         | 06.4   | 09.9  | 170.5 |       |       |       |       |       |        |             |       | 97.8  | 99.5   |
| ≥ | 1.6        | 98.4   | 170.0 |       |       |       |       | 1     |       |        |             |       | 98.7  | 99.7   |
| 2 | ٠          | 39.7   |       |       |       |       |       |       |       |        |             |       | 99.2  | 99.9   |
| ≥ |            | 101.00 |       |       |       |       |       |       |       |        |             |       | 99.7  | 100.0  |
| ≥ | ·, -       |        |       |       |       |       |       |       |       |        |             |       | 100.0 | 100.0  |
| ≥ |            |        |       |       |       |       |       |       |       |        |             |       |       |        |
| 2 |            |        |       |       |       |       |       |       |       |        |             |       |       |        |
| 2 |            |        |       |       |       |       |       |       |       |        |             |       |       |        |
| ≥ |            | 1      |       |       |       |       |       |       |       |        |             |       |       |        |
| ≥ |            | İ      |       |       |       |       |       |       |       |        |             |       |       |        |
| 2 |            | 1      |       |       |       |       |       |       |       |        |             |       |       |        |
| ۸ |            |        |       |       |       |       |       |       |       |        |             |       |       |        |
| ≥ |            | li .   |       |       |       |       |       | i     |       |        |             |       | 1     |        |
| ≥ |            |        |       |       |       |       |       |       |       |        |             |       |       |        |
| ≥ |            |        |       |       |       |       |       |       |       |        |             | I     |       |        |
| ≥ |            |        |       |       |       |       |       |       |       |        |             |       |       |        |
| 2 |            |        |       |       |       |       |       |       |       |        |             |       |       |        |
| ≥ |            |        |       |       |       |       |       |       |       |        | · · · · · · |       |       |        |
| 2 |            |        |       |       |       |       |       |       |       |        |             |       |       |        |
| 2 |            |        |       |       |       |       |       |       |       |        |             |       |       |        |
| N |            |        |       |       |       |       |       |       |       |        |             |       |       |        |
|   | MEAN       | 3.5    | 3 . 8 | 44.1  | 11.5  | 20.0  | 67.5  | 76.0  | 74.11 | 55.1   | 53.8        | 42.   | 34.2  | 53.4   |
|   | \$. D.     | 9.277  | 7.215 | 7.180 | 7.635 | 7.719 | 7.217 | 5.088 |       | 7.481  | 8.113       | 7.553 | 8.307 | 16.408 |
|   | TOTAL OBS. | 777    | 635   | 774   | 722   | 756   | 757   | 740   | 742   | 664    | 741         | 737   | 774   | 9812   |

#### DAILY AVERAGE/EXTREME TEMPERATURES

 172
 FILL N. N.
 1953-1982
 J4N8424

 STATION
 STATION NAME
 YEARS
 MONTH

|         | MEAN TE | MP            |        | M     | AXIMUM TE  | MP   |       |       |         | MINIMUM TE | MP    |      |
|---------|---------|---------------|--------|-------|------------|------|-------|-------|---------|------------|-------|------|
|         | AVERAC  | SE .          | AVERAG | i E   | EXTRE      | ME   |       | AVERA | GE      | EXTR       | EME   |      |
| DAY     | ° F     | °c            | °F     | °c    | ° F        | °c   | DATE  | °F    | °c      | °F         | °c    | DATE |
| 1       | ~7.     | -2.3          | 40.0   | 4 . 4 | <b>5</b> 6 | 13.3 | 10810 | 15.7  | -9.1    | - C        | -20.6 | 1975 |
| 2       | 25.5    | -3.1          | 38.1   | 3.4   | 5 ?        | 14.4 | 1981  | 14.0  | -9.6    | - 3        | -19.4 | 1975 |
| 3       | ~ 7 . 1 | -2.8          | 39.7   | 3.9   | 6~         | 15.6 | 1962  | 15.7  | -9.4    | -3         | -19.4 | 1975 |
| 4       | • 1     | -2 • <b>2</b> | 48.7   | 4.8   | 54         | 12.2 | 19810 | 15.4  | -9.2    | -7         | -21.7 | 1972 |
| _ 5     | 3       | -1.5          | 42.2   | 5.7   | <b>5</b> 8 | 14.4 | 1965  | 16.4  | -8.7    | -4         | -20.0 | 1971 |
| 6       | 75.4    | 8             | 44.2   | 6.9   | 6.2        | 16.7 | 1969  | 16.9  | -8.4    | -9         | -22.8 | 1982 |
| 7       | • 3     | -1.2          | 43.4   | 6.3   | 67         | 20.6 | 1969  | 16.2  | - 8 - 8 | -17        | -27.2 | 1982 |
| 8       | 1.3     | 4             | 43.6   | 6.4   | 61         | 16.1 | 1966  | 18.5  | -7.5    | -14        | -25.6 | 1982 |
| 9       | 72.4    | • 3           | 45.1   | 7.7   | 61         | 16.1 | 1963* | 19.8  | -6.R    | - F        | -22.2 | 1065 |
| 10      | 12.2    | • 1           | 44.1   | 6.7   | 6.3        | 17.2 | 1971  | 20.3  | -6.5    | -7         | -21.7 | 1992 |
| 11      | 1 - 4   | 3             | 43.1   | 6.2   | 6?         | 16.7 | 1959  | 19.6  | -6.9    | -6         | -21.1 | 1982 |
| 12      | 71.0    | 1.2           | 46.2   | 7.9   | 64         | 17.8 | 1980  | 22.2  | -5.4    | -11        | -23.6 | 1953 |
| 13      | 3.      | 1.1           | 46.    | 7.8   | 6.2        | 16.7 | 1987  | 21.5  | -5.7    | -11        | -23.9 | 1963 |
| 14      | 74.     | 1.5           | 46.6   | 8 - 1 | 5.1        | 14.4 | 1987  | 22.7  | -5.2    | 0          | -17.8 | 1982 |
| 15      | 7       | 2.2           | 45.8   | 9.3   | 67         | 19.4 | 1974  | 23.5  | -5.0    | -5         | -20.6 | 1987 |
| 16      | • •     | 2.1           | 44.2   | 9.0   | 59         | 15.0 | 1074  | 23.3  | -4.8    | 2          | -16.7 | 1982 |
| 17      | 76.01   | 2 • <b>2</b>  | 49.2   | 9.6   | 61         | 16.1 | 1971= | 22.8  | -5.1    | 7          | -13.9 | 1982 |
| 18      | 1       | 2.3           | 47.6   | 8.7   | 72         | 22.2 | 1971  | 24.5  | -4.2    | 11         | -11.7 | 1966 |
| 19      | 36.     | 2.2           | 44.3   | 9.1   | 77         | 21.1 | 1571  | 23.7  | -4.6    | -2         | -1:.9 | 1963 |
| 20      | * • 1   | 1.7           | 47.6   | 8.7   | 61         | 16.1 | 1971  | 22.4  | -5.3    | 2          | -16.7 | 19€3 |
| 21      | 74.2    | 1.2           | 45.R   | 7.7   | 63         | 17.2 | 1977  | 22.6  | -5.2    | 4          | -15.6 | 1962 |
| 22      | 3.1     | • 6           | 45.4   | 7.4   | 63         | 17.2 | 1981  | 20.5  | -6.2    | -7         | -21.7 | 1952 |
| 23      | 73.     | 1.0           | 46.9   | 8.3   | 67         | 19.4 | 197   | 20.6  | -6.3    | -1:3       | -23.3 | 1962 |
| 24      | 34.3    | 1.3           | 46.7   | 8.2   | 64         | 17.8 | 1975  | 21.9  | -5.6    | -5         | -23.6 | 1962 |
| 25      | 75.5    | 1.9           | 42.2   | 9.0   | 5 ?        | 20.6 | 1975  | 22.8  | -5.1    | 5          | -15.0 | 1973 |
| 26      | 25.3    | 1.8           | 47.6   | 8.7   | 60         | 15.6 | 198C+ | 23.1  | -4.0    | 7          | -13.9 | 1973 |
| 27      | -3.     | 1.0           | 45.7   | 7.4   | 60         | 15.6 | 1971  | 21.8  | -5.7    | 1          | -17.2 | 1973 |
| 28      | 73.5    | .8            | 45.7   | 7.5   | 59         | 15.0 | 1963  | 21.3  | -5.9    | 5          | -15.7 | 1973 |
| 29      | 34.5    | 1.4           | 47.2   | 8.4   | 54         | 17.8 | 1958  | 21.5  | -5.7    | 6          | -14.4 | 1987 |
| 30      | 34.5    | 1.4           | 46.8   | 8.2   | 64         | 17.8 | 1965  | 22.2  | -5.4    | 4          | -15.6 | 1080 |
| 31      | 35.2    | 1.3           | 47.8   | 8.8   | 6 7        | 18.3 | 1965  | 22.5  | -5.3    | 8          | -13.3 | 1000 |
| Monthly | 3.0     | •6            | 45.4   | 7.4   | 7.2        | 22.2 | 1971  | 27.6  | -6.3    | -17        | -27.7 | 1982 |

\*ALSO ON EARLIER YEARS

## DAILY AVERAGE/EXTREME TEMPERATURES

STATION STATION NAME 1958-1982 FERRUARY

MONTH

|         | MEAN T | EMP   |         | N    | AXIMUM TE | MP   |         |         | M    | INIMUM TE | MP    |       |
|---------|--------|-------|---------|------|-----------|------|---------|---------|------|-----------|-------|-------|
| 1       | AVERA  | GE    | AVERA   | GE   | EXTR      | EME  |         | AVERAGE |      | EXTR      | EME   |       |
| DAY     | ° F    | °c    | °F      | °C   | _ ° F     | °c   | DATE    | °F      | °C   | °F        | °c    | DATE  |
| 1       | ₹5.2   | 1.9   | 46.7    | P.2  | 6.2       | 16.7 | 1971    | 23.6    | -4.7 | 11        | -11.7 | 1968  |
| 2       | 35.4   | 1.9   | 47.4    | 8.5  | 6 ~       | 15.6 | 1958    | 23.3    | -4.8 | 5         | -15.0 | 1972  |
| 3       | 7: 14  | 2.4   | 45.5    | 9.7  | 66        | 18.9 | 1978    | 22.7    | -5.2 | 1         | -17.2 | 1979  |
| 4       | 77.7   | 3.2   | 51.4    | 10.3 | 72        | 22.9 | 1963    | 24.7    | -4.4 | 1 -       | -10.C | 19777 |
| 5       | 77.8   | 3.2   | 45.4    | 9.7  | 61        | 16.1 | 1965    | 26.2    | -3.2 | 12        | -11.1 | 1982  |
| 6       | 7.7.40 | 2.9   | 49.5    | 9.7  | 61        | 16.1 | 1977    | 24.7    | -4.1 | 12        | -11.1 | 1964  |
| 7       | 7      | 3.7   | -1.9    | 10.8 | 62        | 16.7 | 1963≈   | 26.7    | -3.3 | 11        | -11.7 | 1964  |
| 8       |        | 3.5   | 51 - 3  | 10.7 | 61        | 15.1 | 1963    | 25.2    | -3.8 | 14        | -13.0 | 1964  |
| 9       | • 1    | 4.3   | 51.2    | 10.7 | 64        | 17.8 | 1961    | 28.2    | -2.1 | 12        | -11.1 | 1959  |
| 10      | • 1    | 4.5   | 51.5    | 10.8 | 71        | 21.7 | 1971    | 26.8    | -1.8 | 12        | -11.1 | 1955  |
| 11      | 15.    | 3.9   | 51.4    | 17.9 | 65        | 18.3 | 1971    | 26.9    | -2.8 | 13        | -10.6 | 1965  |
| 12      | . 3    | 4 . 4 | 52.9    | 11.6 | 6 "       | 27.7 | 1971    | 27.3    | -2.6 | 14        | -10.0 | 1965  |
| 13      | 0      | 4 . 6 | 12.5    | 11.4 | 73        | 22.3 | 1971    | 28 • 1  | -2.2 | 12        | -11.1 | 1966  |
| 14      | 15.00  | 4.3   | 5 • 9   | 17.5 | 71        | 21.7 | 1971    | 28.6    | -1.9 | 14        | -10.0 | 1964  |
| 15      | 1.1    | 5.1   | 53.0    | 11.7 | 66        | 18.9 | 1981    | 28.9    | -1.7 | 1.8       | -7.8  | 19:5  |
| 16      | 40.7   | 4.5   | 52.8    | 11.6 | 74        | 23.3 | 1981    | 28.7    | -1.5 | 15        | -9.4  | 1966  |
| 17      | 1.2    | 5.1   | 64.5    | 12.5 | 66        | 19.9 | 1981 ** | 28.7    | -2.2 | 13        | -10.6 | 196   |
| 18      | .1.1   | 5.1   | 4.6     | 12.0 | 73        | 22.3 | 1981    | 28.5    | -2.2 | 17        | -8.3  | 1964  |
| 19      | 1.4    | 5.2   | 53.8    | 12.1 | 75        | 23.9 | 1981    | 29.7    | -1.7 | 16        | -E.9  | 197   |
| 20      | √3•3   | 4.4   | 53.5    | 11.9 | 77        | 25.7 | 1982    | 26.4    | -3.1 | 12        | -11.1 | 1967  |
| 21      | 1.1    | 5.1   | 55.1    | 12.9 | 79        | 26.1 | 1982    | 27.2    | -2.7 | 15        | -9.4  | 1967  |
| 22      | +C • 9 | 4.7   | 53.0    | 11.7 | 67        | 19.4 | 1959    | 28.0    | -2.2 | 16        | -8.9  | 1975  |
| 23      | ,      | 4.3   | 53.5    | 11.9 | 77        | 21.1 | 1981    | 25.9    | -3.4 | 13        | -16   | 1960  |
| 24      | • 1    | 4.5   | * 4 . N | 12.4 | 67        | 19.4 | 1971    | 25.8    | -3.4 | 12        | -11.1 | 1977  |
| 25      |        | 4.9   | 5.1     | 11.7 | 61        | 20.6 | 1963    | 23.4    | -2.0 | 17        | -8.3  | 1964" |
| 26      | 7.4    | 4.7   | -4.2    | 12.3 | 6.        | 20.0 | 1965    | 26.8    | -2.9 | 6         | -14.4 | 1962  |
| 27      | 6      | 4.0   | 5.6     | 13.1 | 71        | 21.7 | 1983    | 26.2    | -3.2 | 5         | -15.0 | 1962  |
| 28      | 42.    | 5.4   | 57.7    | 13.9 | 6 c       | 20.6 | 1972    | 29.5    | -2.1 | 13        | -10.6 | 1971  |
| 29      | 400    | 4.7   | # 2 · 9 | 11.5 | 64        | 17.8 | 1968    | 28.8    | -1.8 | 14        | -10.0 | 1967  |
| 30      |        |       |         |      |           |      | T T     |         |      |           |       |       |
| 31      |        |       |         |      |           |      |         |         |      |           |       |       |
| Monthly | 34     | 4.2   | 62.3    | 11.3 | 7 :       | 26.1 | 1982    | 26.3    | -2.9 | 1         | -17.2 | 1979  |

\*ALSO ON EARLIER YEARS

## DAILY AVERAGE/EXTREME TEMPERATURES

STATION STATION NAME 1958-1982 MARCH
YEARS MONTH

| T       | MEAN T  | EMP   |       | M    | AXIMUM TE | MP   |        |        |      | IINIMUM TE | MP    |       |
|---------|---------|-------|-------|------|-----------|------|--------|--------|------|------------|-------|-------|
| 1       | AVERA   | \GE   | AVERA | GE   | EXTR      | EME  |        | AVERAG | E    | EXTR       | ЕМЕ   |       |
| DAY     | ° F     | °c    | °F    | °c   | °F        | °c   | DATE   | °F     | °c   | °F         | °c    | DATE  |
| 1       | 1.2     | 5 • 1 | 54.3  | 12.4 | 71        | 21.7 | 1967   | 28.1   | -2.2 | 5          | -14.4 | 1971  |
| 2       | ٠,, ١   | 3.9   | 50.9  | 10.5 | 65        | 18.3 | 1972 2 | 27.2   | -2.7 | 11         | -11.7 | 19710 |
| 3       | 19.3    | 4 . 0 | 51.3  | 10.7 | 65        | 18.3 | 1972≈  | 27.2   | -2.7 | 15         | -9.4  | 1965  |
| 4       | 3       | 4 . 2 | 52.4  | 11.3 | 67        | 19.4 | 1972≈  | 26.9   | -2.8 | 16         | -6.9  | 1965  |
| 5       | 41.4    | 5.5   | 55.3  | 12.9 | 75        | 23.9 | 1972   | 28.5   | -1.9 | 13         | -10.6 | 1977  |
| 6       | - 2 • 4 | 5 . 8 | າ5.0  | 12.3 | 75        | 23.9 | 1972   | 29.9   | -1.2 | 15         | -7.8  | 1952  |
| 7       | ₹.3     | 6.3   | 56.4  | 13.6 | 72        | 22.2 | 1979   | 3^.1   | -1.1 | 20         | -6.7  | 1964  |
| 8       | . 3 . 4 | 6.3   | 7.1   | 13.9 | 75        | 23.9 | 1972   | 29.8   | -1.2 | 13         | -10.6 | 1954  |
| 9       | 3.5     | 6.4   | 56.8  | 13.8 | 9.2       | 27.8 | 1972   | 30.2   | -1.0 | 22         | -5.6  | 1962  |
| 10      | 2.5     | 5.8   | 55.7  | 17.2 | 72        | 22.2 | 1972   | 29.2   | -1.6 | 16         | -6.9  | 1977  |
| 11      | 2.5     | 5.8   | 55.7  | 12.9 | 72        | 22.  | 1979   | 29.9   | -1.2 | 12         | -11.1 | 1977  |
| 12      | 3.4     | 6.3   | 55.9  | 13.3 | 71        | 21.7 | 1971   | 33.9   | 5    | 23         | -5.0  | 1976  |
| 13      | 2.4     | 5.8   | 55.1  | 12.3 | 6.5       | 27.6 | 1982*  | 29.6   | -1.3 | 16         | -8.9  | 1977  |
| 14      | 43.0    | 6.4   | 57.3  | 14.1 | 72        | 22.2 | 1979   | 30.0   | -1.1 | 19         | -12.2 | 1977  |
| 15      | 3.5     | 6.4   | 58.0  | 14.4 | 63        | 20.6 | 1974+  | 29.1   | -1.6 | 21         | -6.7  | 1959  |
| 16      | 4.2     | 6.8   | 57.7  | 14.3 | 71        | 21.7 | 1974#  | 37.6   | 8    | 21         | -6.1  | 1964  |
| 17      | 43.     | 6.6   | 56.8  | 13.8 | 76        | 24.4 | 1972   | 31.0   | 6    | 19         | -7.2  | 1966  |
| 18      | 2.4     | 5.8   | 56.1  | 13.4 | 70        | 21.1 | 1979*  | 28.5   | -1.8 | 17         | -8.3  | 1971  |
| 19      | -3.5    | 6.4   | 56.6  | 14.3 | 72        | 22.2 | 1978   | 28.4   | -2.D | 1 :        | -7.8  | 19709 |
| 20      | 44.7    | 7.1   | 59.5  | 15.3 | 77        | 25.0 | 1960   | 29.9   | -1.2 | 17         | -7.2  | 1966  |
| 21      | 4 7     | 8.2   | 41.2  | 16.2 | 77        | 25.0 | 1960   | 32.2   | •1   | 23         | -5.0  | 1968  |
| 22      | 46.     | 8.3   | 61.5  | 16.4 | 73        | 26.1 | 1971   | 32.4   | • 2  | 20         | -6.7  | 1944  |
| 23      | 47.5    | 7.5   | 59.3  | 15.2 | 77        | 25.  | 1960   | 31.8   | 1    | 19         | -7.2  | 1946  |
| 24      | 45.2    | 7.3   | 50.7  | 15.6 | 76        | 24.4 | 1967   | 30.4   | 9    | 22         | -5.6  | 1943  |
| 25      | 44.0    | 7.8   | 60.2  | 15.7 | 7 1       | 25.6 | 1967   | 31.8   | 1    | 21         | -6.1  | 1980  |
| 26      | 46.6    | 8 • 1 | 59.9  | 15.5 | 75        | 23.9 | 1978   | 33.2   | . 7  | 16         | -8.9  | 1977  |
| 27      | 45.4    | 9.0   | 9.5   | 15.3 | 75        | 23.9 | 1978   | 33.2   | . 7  | 19         | -7.2  | 1972  |
| 28      | .4."    | 7.2   | 53.8  | 14.9 | 78        | 25.6 | 1978   | 31.0   | 6    | 14         | -17.0 | 1977" |
| 29      | 46.01   | 7 . 8 | 51.8  | 16.6 | 80        | 26.7 | 1971   | 30.4   | 9    | 10         | -12.2 | 1977  |
| 30      | 47.7    | 8.7   | 42.C  | 16.7 | 70        | 26.1 | 1966   | 33.4   | . 8  | 16         | -8.9  | 1977  |
| 31      | 97.4    | 3.6   | 61.6  | 16.4 | 8         | 26.7 | 1966   | 32.8   | . 4  | 1 -        | -7.8  | 1977  |
| Monthly | 43.     | 6.6   | 57.5  | 14.2 | 82        | 27.8 | 1972   | 30.2   | -1.0 | 6          | -14.4 | 1971  |

\*ALSO ON EARLIER YEARS

## DAILY AVERAGE/EXTREME TEMPERATURES

 172
 5 LL N, N7
 1958-1982
 APFIL

 STATION
 STATION NAME
 YEARS
 MONTH

|         | MEAN T                    | EMP  |          | М    | AXIMUM TE | MP           |       | · · · · · · · · · · · · · · · · · · · |       | MINIMUM TEN | MP    |       |
|---------|---------------------------|------|----------|------|-----------|--------------|-------|---------------------------------------|-------|-------------|-------|-------|
| 1 1     | AVERA                     | GE   | AVERAC   | GE   | EXTR      | EME          |       | AVERAG                                | E     | EXTRE       | ME    |       |
| DAY     | ° F                       | °c   | <u> </u> | °C_  | ° F       | ° c          | DATE  | °F                                    | °c    | ٥F          | °c    | DATE  |
| 1       | 44.7                      | 7.1  | 57.4     | 14.1 | 8.5       | 27.4         | 1966  | 32.5                                  | • 3   | 2.          | -6.7  | 1970  |
| 2       | 44.3                      | 7.3  | F8.6     | 14.8 | 87        | 26.7         | 1961  | 31.9                                  | 1     | 19          | -7.2  | 1976= |
| 3       |                           | 9.2  | 53.3     | 17.4 | 8 9       | 31.1         | 1965  | 33.2                                  | . 7   | 19          | -7.2  | 1977  |
| 4       |                           | 9.6  | 64.8     | 18.2 | 8 ^       | 26.7         | 1963# | 33.2                                  | . 7   | 23          | -5.0  | 1973  |
| 5       | 1.6                       | 10.9 | 56.4     | 19.1 | 82        | 27.8         | 1971  | 35.7                                  | 2.1   | ?:          | -2.2  | 1978  |
| 6       |                           | 10.0 | 61.7     | 16.5 | 3.2       | 27.8         | 1963  | 37.5                                  | 3.1   | 26          | -3.3  | 1964  |
| 7       | 5/.5                      | 8.4  | 59.8     | 15.4 | 8.3       | 25.3         | 1977  | 34.5                                  | 1.4   | 23          | -5.C  | 1972  |
| 88      | 6.75 . 4                  | 9.7  | 54.6     | 18.1 | 8.2       | 27.9         | 1977  | 33.4                                  | . 8   | 25          | -3.9  | 1973  |
| 9       | 10.d                      | 10.d | 4.6      | 18.1 | 80        | 26.7         | 1967  | 35.0                                  | 1.7   | 27          | -2.8  | 1982* |
| 10_     | d                         | 10.d | 63.9     | 17.7 | 80        | 26.7         | 1968  | 35.7                                  | 2.1   | 24          | -4.4  | 1977  |
| 11      | 4 - 5                     | 9.7  | 53.7     | 17.5 | 78        | 25.6         | 1959  | 35.0                                  | 1.7   | 23          | -5.7  | 1953  |
| 12      | a / • S                   | 9.7  | 55.3     | 18.5 | 70        | 26.1         | 1962  | 33.8                                  | 1.0   | 23          | -5.0  | 1972  |
| 13      | 1                         | 10.1 | 46.0     | 18.9 | 8.5       | 29.4         | 1962  | 34.3                                  | 1.3   | 1.9         | -7.8  | 1972  |
| 14      | 1.5                       | 10.8 | 66.9     | 19.4 | 85_       | 29.4         | 1962  | 35 ⋅ 5                                | 2.1   | 19          | -7.8  | 1972  |
| 15      | 1.2                       | 10.7 | 65.6     | 18.7 | 80        | 26.7         | 1981* | 36.0                                  | 2.2   | 25          | -3.9  | 1977  |
| 16      | 44.9                      | 9.9  | 54.6     | 18.1 | 84        | 28.9         | 1977  | 34.4                                  | 1.3   | 22          | -5.6  | 1963  |
| 17      | 0.1                       | 10.1 | - 55.1   | 18.4 | 85        | 29.4         | 1983  | 34.9                                  | 1.6   | 19          | -7.2  | 1963  |
| 18      |                           | 9.2  | €1.6     | 16.4 | 86        | 30.0         | 1987  | 35 • 2                                | 1.8   | 25          | -3.9  | 1972  |
| 19      | а <sub>с</sub> , <b>с</b> | 9.4  | 52.0     | 16.7 | 87        | 30.6         | 1980  | 35.4                                  | 1.9   | 19          | -7.2  | 1972  |
| 20      | 11 C • 3                  | 9.6  | 54.0     | 17.8 | 81        | 27.2         | 1980  | 34.4                                  | 1.3   | 72          | -5.6  | 1967  |
| 21      | 3 - 9                     | 9.9  | 14.1     | 17.8 | 83        | 28.3         | 1969  | 35.8                                  | 2.1   | 24          | -4 .4 | 1968  |
| 22      | 47.4                      | 9.8  | 65.4     | 18.6 | 82        | ≥7.8         | 1977  | 34.1                                  | 1.2   | 23          | -5.0  | 1963  |
| 23      | 1.                        | 10.6 | 56.4     | 19.1 | 86        | 30.0         | 1981  | 35.3                                  | 1.8   | 24          | -4.4  | 1963  |
| 24      | 1.1                       | 17.7 | 64.2     | 17.9 | 86        | 30.0         | 1977  | 38 • 4                                | 3.6   | 23          | -5.D  | 1964  |
| 25      | 1.1                       | 10.6 | 54.2     | 17.9 | 83        | 28.3         | 1977  | 37.5                                  | 3 - 1 | 28          | -2.2  | 1969  |
| 26      | 71.0                      | 10.6 | 63.A     | 17.7 | 82        | 27.8         | 1973  | 37.6                                  | 3.1   | 25          | -3.9  | 1975  |
| 27      | -2.6                      | 11.4 | 67.4     | 19.7 | 83        | 29.3         | 1980  | 37.8                                  | 3.2   | 25          | -3.9  | 1966  |
| 28      | 4.3                       | 12.4 | 69.4     | 20.8 | 8.2       | 27.9         | 1965  | 39.3                                  | 4.1   | 28          | -2.2  | 10774 |
| 29      | 4.5                       | 12.5 | 69.9     | 21.0 | 8 ;       | 31.7         | 1981  | 39.3                                  | 4.1   | 27          | -2.8  | 1975  |
| 30      | ٠5.                       | 13.2 | 72.4     | 22.4 | 96        | 35.6         | 1981  | 39.2                                  | 4.0   | 25          | -3.9  | 1972  |
| 31      |                           |      |          |      |           |              |       |                                       |       |             |       |       |
| Monthly | •.1                       | 10.1 | 64.6     | 18.1 | 96        | <b>∑</b> 5.6 | 1981  | 35 • 6                                | 2.0   | 13          | -7.8  | 1972  |

\*ALSO ON EARLIER YEARS

## DAILY AVERAGE/EXTREME TEMPERATURES

: 2

FALL IN. N

STATION NAME

1959-1982

YEARS

MONTH

|         | MEAN T   | EMP  |        | M.   | AXIMUM TEI | MP     |       |        | M          | INIMUM TEN | ΛP    |      |
|---------|----------|------|--------|------|------------|--------|-------|--------|------------|------------|-------|------|
| Γ       | AVERA    | GE   | AVERA  | GE   | EXTRE      | ME     |       | AVERAC | GE         | EXTRE      | ME    |      |
| DAY     | °F       | °c   | °F     | _°c  | °F         | ° c    | DATE  | °F     | °c         | °F         | °c    | DATE |
| 1       | 50.      | 13.3 | 72.0   | 22.2 | 01         | 32.1   | 1931  | 46.0   | 4 . 4      | 27         | -2.3  | 1972 |
| 2       | \$ 1 g T | 13.4 | 71.7   | 22.1 | € 5        | 30.7   | 1966  | 41.3   | 5.2        | 27         | -2.8  | 1964 |
| 3       |          | 13.7 | 72.2   | 22.3 | 9.9        | 31.1   | 1966  | 41.8   | 5.4        | 27         | -2.5  | 1964 |
| 4       | ۶۰ • 5   | 13.7 | 7: . 4 | 21.3 | - 26       | 30.0   | 1966  | 42.8   | 3 · 6      | 31         | 6     | 1975 |
| 5       | 5.7      | 12.9 | 6 . 8  | 27.4 | 96         | 30.0   | 1966  | 41.7   | 5.4        | 27         | -2.3  | 197  |
| 6       | 4        | 12.3 | 67.5   | 19.7 | 82         | 27.8   | 1974  | 40.B   | 4.9        | 23         | -5.0  | 1044 |
| 7       | 54.0     | 13.3 | 74     | 21.3 | 85         | 29.4   | 1974  | 41.7   | 5.4        | 3.2        | • 0   | 1001 |
| 8       | 2        | 14.7 | 73.6   | 23.1 | 36         | 30.0   | 1969  | 43.5   | 6.4        | 34         | 1.1   | 1965 |
| 9       | 77       | 14.6 | 72.6   | 22.6 | 85         | 29.4   | 1969# | 43.9   | 6.6        | 34         | 1.1   | 1977 |
| 10      | F : • 4  | 14.7 | 72.5   | 22.5 | 8.8        | 31.1   | 1967  | 44.4   | 6.9        | 32         | •     | 1979 |
| 11      | 5.5      | 13.2 | 70.1   | 21.2 | 90         | 32.2   | 1960  | 41.5   | 5 • 3      | 32         | .0    | 1982 |
| 12      | 5.7.     | 13.9 | 72.6   | 22.6 | 92         | 33.3   | 1959  | 41.4   | 5.2        | ₹2         | • 0   | 1967 |
| 13      | 50.3     | 15.2 | 75.4   | 24.1 | 91         | 32.9   | 1976  | 43.2   | 6.2        | 31         | 6     | 1967 |
| 14      | • 3      | 15.7 | 74.6   | 23.7 | 89         | 31.7   | 1979  | 45.8   | 7.7        | 33         | .6    | 1965 |
| 15      | • 0      | 15.6 | 76.3   | 24.6 | 89         | 31.7   | 1971  | 43.7   | 6.5        | 35         | 1.7   | 1959 |
| 16      | 5 7      | 15.4 | 76.3   | 24.6 | 92         | 33.3   | 1970  | 43.0   | 6.1        | 32         | •0    | 1955 |
| 17      | 1 • 1    | 16.2 | 76.4   | 24.7 | 89         | 31.7   | 1967  | 45.5   | 7.5        | -3         | - 6   | 1977 |
| 18      | 1.5      | 16.4 | 77.0   | 25.7 | 92         | 33.3   | 1958  | 45.3   | 7.4        | 7.2        | • 0   | 1976 |
| 19      | 1        | 16.3 | 76.5   | 24.7 | 97         | 33.3   | 1964  | 45.8   | 7.7        | 7.1        | 6     | 176  |
| 20      | 1 • •    | 16.3 | 76.4   | 24.7 | 93         | 33.7   | 1983  | 45.6   | 7.6        | 34         | 1.1   | 1975 |
| 21      | 65.3     | 16.1 | 75.0   | 23.0 | 93         | 33.7   | 1979  | 46.2   | 7.9        | 33         | . 6   | 1963 |
| 22      | 61.      | 16.6 | 76.3   | 24.5 | 95         | 35.℃   | 1967  | 47.2   | 5.4        | 3 ~        | -1.1  | 196  |
| 23      | 51.00    | 16.0 | 74.6   | 23.7 | 93         | 33.1   | 1967  | 46.7   | 8 - 3      | 35         | 1.7   | 1943 |
| 24      | 1.1      | 16.2 | 75.5   | 24.2 | 88         | 31.1   | 1967  | 46.8   | 8 • 2      | ₹6         | 2 . 2 | 1965 |
| 25      | - 2 - 3  | 16.8 | 77.3   | 25.2 | 92         | 33.3   | 1958  | 47.2   | ۲ . 4      | 34         | 1.1   | 1979 |
| 26      | 3 • 3    | 17.4 | 79.4   | 25.8 | 9 %        | 35.    | 1979  | 48.2   | 9 <b>D</b> | 3.6        | 2 • 2 | 19=1 |
| 27      | 2.6      | 17.0 | 77.0   | 25.0 | 9          | 32.2   | 1979  | 48.1   | 8.9        | 7.9        | 7.3   | 1961 |
| 28      | 2.6      | 17.0 | 7E.2   | 25.7 | 91         | 32 • 3 | 1968  | 46.9   | 8 • 3      | 35         | 1.7   | 1982 |
| 29      | 43.3     | 17.4 | 78.5   | 25.8 | 91         | 32.    | 1981  | 48.0   | 8.9        | 41         | 5.0   | 1979 |
| 30      | 13.4     | 17.4 | 78.5   | 25.9 | 90         | 32.2   | 1972  | 48.5   | 9.2        | 37         | 2.8   | 1973 |
| 31      | 3.1      | 17.3 | 77.9   | 25.5 | 9 "        | 35.0   | 1277  | 48.2   | 9.0        | 36         | 2.2   | 1967 |
| lonthly | 57.6     | 15.3 | 74.5   | 23.6 | 9-         | 35.0   | 1779# | 44.7   | 7.1        | 23         | -5i   | 1764 |

\*ALSO ON EARLIER YEARS

## DAILY AVERAGE/EXTREME TEMPERATURES

TITZ FALLON, NY 1958-1982 JUNE
STATION STATION NAME YEARS MONTH

|         | MEAN TE      | MP   |              | M    | AXIMUM TE | MP           |       |         | Mi    | NIMUM TEN | 1P    |        |
|---------|--------------|------|--------------|------|-----------|--------------|-------|---------|-------|-----------|-------|--------|
|         | AVERAC       | II   | AVERA        | GE   | EXTR      | EME          |       | AVERAG  | E     | EXTRE     | ME    |        |
| DAY     | °F           | _°c  | °F           | _°c  | °F        | ° c          | DATE  | °F      | °c    | °F        | °c    | DATE   |
| 1       | 44.3         | 17.9 | 79.7         | 26.5 | 93        | 33.9         | 1981  | 48.5    | 9.2   | 4 5       | 4 . 4 | 19674  |
| 2       | 4,40         | 18.2 | `0.2         | 26.8 | 94        | 34.4         | 1975  | 49.2    | 9.6   | 77        | 2 • 8 | 1966   |
| 3       | (4.7         | 18.2 | -0.2         | 26.8 | 95        | 35.7         | 1967  | 49.2    | 9.6   | 77        | 2.8   | 198    |
| 4       | 5.7          | 18.7 | 91.0         | 27.2 | 95        | 35.7         | 1979+ | 50.8    | 1 . 4 | 27        | 2 . 8 | 1962   |
| 5       | 6.4          | 19.1 | 51.9         | 27.7 | 100       | 37.8         | 1981  | 51.1    | 10.6  | 38        | 3.3   | 1966   |
| 6       | 46.          | 19.4 | 1.5          | 27.5 | 96        | 35.6         | 1981  | 52.7    | 11.5  | 39        | 3.9   | 1980   |
| 7       | 5.1          | 18.4 | 79.2         | 26.2 | 92        | 33.3         | 1978* | 51.5    | 10.3  | 43        | 4.9   | 1962   |
| 8       | 14.2         | 17.9 | 78.7         | 25.9 | 9-        | 32.2         | 1981* | 50.1    | 10.1  | 36        | 2.2   | 1979   |
| 9       | 4.2          | 17.9 | 79.4         | 26.3 | 95        | 35.7         | 1973  | 49.7    | 9.8   | 2.0       | 3 • 3 | 1964   |
| 10      | 5.0          | 18.3 | 79.7         | 26.5 | 96        | 35.6         | 1979  | 50.4    | 13.2  | 43        | 4 . 4 | 1963   |
| 11      | 46.3         | 19.0 | *2 • 1       | 27.8 | 99        | 37.2         | 1979  | 5 7 • 6 | 10.3  | 37        | 2.8   | 1972   |
| 12      | 66.          | 19.4 | °2.2         | 27.3 | 99        | 37.2         | 1979  | 51.8    | 11.7  | 45        | 7.2   | 19724  |
| 13      | 67.7         | 19.6 | 32.3         | 27.4 | 97        | 36.1         | 1979  | 52.1    | 11.2  | 40        | 4.4   | 1981   |
| 14      | 67.3         | 19.6 | 61.5         | 27.5 | 95        | 35.0         | 1961  | 52.4    | 11.3  | a 1       | 5.0   | 1981   |
| 15      | 63.1         | 23.2 | 33.9         | 28.8 | 97        | 36.1         | 1961  | 52.2    | 11.2  | 36        | 2.2   | 1965   |
| 16      | 70.1         | 21.2 | -5. <b>5</b> | 29.7 | 93        | 36.7         | 1961  | 54.3    | 12.4  | 4.5       | 7.2   | 1965   |
| 17      | 64.9         | 21.0 | ^4.0         | 28.9 | 99        | 37.2         | 1961  | 55.1    | 12.8  | 42        | 5.6   | 1979   |
| 18      | 5 9          | 21.1 | 75.1         | 29.5 | 97        | 36.1         | 1968* | 54.1    | 12.3  | 42        | 5 • 6 | 1965   |
| 19      | 70.5         | 21.4 | ^6 • 5       | 30.3 | 101       | 38.3         | 1961  | 54.4    | 12.4  | 43        | 6.1   | 1964   |
| 20      | 72.5         | 22.2 | <u>°7.•5</u> | 30.₹ | 104       | 4 <u>8•d</u> | 1961  | 56.7    | 13.7  | 42        | 5.6   | 1974   |
| 21      | 72.07        | 22.2 | 8.6          | 31.4 | 101       | 39.3         | 1961  | 55 . A  | 13.2  | 40        | 4.4   | 1960   |
| 22      | *2.0         | 22.2 | 8 1          | 31.7 | 103       | 39.4         | 1961  | 54.8    | 12.7  | 44        | 6.7   | 1964   |
| 23      | 11.1         | 21.8 | 97.1         | 30.5 | 100       | 37.8         | 1961  | 55.3    | 12.9  | 46        | 7 . 8 | 1963   |
| 24      | 70.7         | 21.5 | 97.7         | 30.9 | 100       | 37.8         | 1979= | 53.9    | 12.2  | 44        | 6.7   | 1972 - |
| 25      |              | 21.4 | 38.0         | 31.1 | 102       | 38.9         | 1961  | 54.0    | 12.2  | 41        | 5.0   | 1975   |
| 26      | 72.2         | 22.3 | 80.8         | 32.1 | 102       | 38.9         | 1981* | 55.1    | 12.8  | 41        | 5.0   | 1974   |
| 27      | 7.0 9        | 21.6 | 28.2         | 31.2 | 99        | 37.2         | 1973  | 54.1    | 12.3  | 43        | 6.1   | 1983   |
| 28      | 7 <b>0.a</b> | 21.6 | 27.7         | 30.9 | 99        | 37.2         | 1980# | 54.3    | 12.4  | 42        | : . 6 | 1969   |
| 29      | 6 ∜ • 9      | 20.5 | 85.6         | 29.8 | 101       | 39.3         | 1981  | 53.0    | 11.7  | 76        | 2.2   | 1963   |
| 30_     | 67.5         | 20.8 | 27.4         | 30.5 | 101       | 38.3         | 1972= | 52.2    | 11.2  | 4         | 4.4   | 1763   |
| 31      |              |      |              |      |           |              |       | 1       |       |           |       |        |
| Monthly | 64.1         | 20.2 | 4.0          | 28.9 | 104       | 40.0         | 1961  | 52.6    | 11.4  | 76        | 2.2   | 19794  |

\*ALSO ON EARLIER YEARS

## DAILY AVERAGE/EXTREME TEMPERATURES

STATION STATION NAME 1952-1982 YEARS MONTH

|         | MEAN T | EMP  |        | M    | AXIMUM TE | MP   |         | ī      | 1       | MINIMUM TE | MP    |       |
|---------|--------|------|--------|------|-----------|------|---------|--------|---------|------------|-------|-------|
|         | AVERA  |      | AVERAC | 3E   | EXTR      | ME   |         | AVERAC | E       | EXTR       | ME    |       |
| DAY     | °F     | °c   | °F     | °c   | °F_       | °c   | DATE    | °F     | °c _    | °F         | °c    | DATE  |
| 1       | 7.7.   | 22.2 | 29.3   | 31.8 | 102       | 38.9 | 1967    | 54.5   | 12.5    | 4.2        | 5 • 6 | 1976  |
| 2       | 71.5   | 22.C | 8.4    | 31.3 | 102       | 38.9 | 1967    | 54.9   | 12.7    | 35         | 3.3   | 1976  |
| 3       | 20.44  | 21.4 | -7.8   | 31.1 | 100       | 37.8 | 1981    | 53.0   | 12.2    | 79         | 3.9   | 1976  |
| 4       | 72.4   | 22.4 | 90.1   | 32.3 | 106       | 41.1 | 1081    | 55.1   | 12.8    | 44         | 6.7   | 1976  |
| _5      | 74.    | 23.3 | ?1.3   | 32.↑ | 102       | 38.9 | 1973    | 57.0   | 13.9    | 46         | 7.8   | 1977  |
| 6       | "      | 23.3 | 72.3   | 33.5 | 100       | 37.8 | 1968    | 56.0   | 13.3    | 4.5        | 7.2   | 19f 1 |
| 7       | 3.5    | 23.1 | ^1.5   | 33.1 | 100       | 37.8 | 1976    | 55.7   | 13.2    | 4.5        | 7.2   | 1959  |
| 8       | ~3.B   | 23.2 | 21.5   | 33.1 | 9.8       | 36.7 | 1976*   | 56.4   | 13.6    | 45         | 7.2   | 1959  |
| 9       | 4.     | 23.3 | ი2•0   | 33.7 | 102       | 38.9 | 1973    | 56.6   | 13.7    | 43         | 9.9   | 19:9  |
| 10      | 73.    | ?2.8 | 71.4   | 33.  | 102       | 38.9 | 1959    | 55.2   | 12.9    | 48         | 8.9   | 19743 |
| 11      | 73.3   | 23.2 | 72.8   | 33.5 | 102       | 33.9 | 1959    | 55.2   | 12.9    | 41         | 5 • € | 1974  |
| 12      | 75.1   | 23.9 | 02.4   | 33.5 | 100       | 37.8 | 1982*   | 57.7   | 14.3    | 44         | 5.9   | 19747 |
| _13     | 258    | 24.3 | 53.2   | 34.  | 101       | 38.3 | 1972    | 58.    | 14.4    | 44         | 6.7   | 19:1  |
| 14      | 6.     | 24.7 | 94.0   | 34.4 | 102       | 38.9 | 1978    | 58.7   | 14.8    | 48         | 8.9   | 1966  |
| 15      | 27.3   | 25.0 | 93.9   | 34.4 | 103       | 39.4 | 1979    | 60.3   | 15.7    | 49         | 9.4   | 1966  |
| 16      | 6.7    | 24.8 | 93.4   | 34.1 | 105       | 40.6 | 1979    | 6೧•2   | 15.7    | 5:1        | 13.0  | 1962  |
| _17     | '6。    | 24.4 | ^3•2   | 34.0 | 105       | 40.6 | 1979#   | 59.1   | 15.1    | 52         | 11.1  | 19743 |
| 18      | 77.1   | 25.1 | 94.8   | 34.9 | 105       | 40.6 | 1960    | 59.5   | 15.3    | 52         | 11.1  | 1966  |
| 19      | 77.0   | 25.5 | 75.1   | 35.1 | 174       | 47.7 | 1960    | 60.5   | 15.8    | 55         | 12.8  | 1951  |
| 20      | 76.7   | 24.9 | 73.6   | 34.2 | 103       | 39.4 | 1960    | 59.7   | 1 5 • 4 | 5.3        | 11.7  | 1972  |
| 21      | 16.4   | 24.7 | ₹3.6   | 34.2 | 175       | 40.6 | 1980    | 53.6   | 14.5    | 47         | 8.3   | 1972  |
| 22      | 7.8    | 25.4 | 4 • 8  | 34.9 | 165       | 40.6 | 1980    | 60.3   | 15.7    | 46         | 7.8   | 1972  |
| 23      | 77.5   | 25.3 | 74.6   | 34.8 | 105       | 40.6 | 1980    | 63.0   | 15.6    | 46         | 7.8   | 1973  |
| 24      | 77.    | 25.5 | 25.6   | 35.3 | 105       | 40.6 | 1987    | 60.3   | 15.7    | 4 5        | 7.2   | 1973  |
| 25      | 7′•1   | 25.6 | 75.5   | 35.4 | 105       | 43.6 | 1978    | 60.4   | 15.8    | 46         | 7.8   | 1973  |
| 26      | 75.    | 25.7 | 96.D   | 35.6 | 106       | 41.1 | 1080    | 60.2   | 15.7    | 48         | 3.9   | 1973  |
| 27      | 7      | 25.9 | 76.1   | 35.6 | 105       | 40.6 | 1080    | 61.2   | 16.2    | 50         | 10.0  | 1972  |
| 28      | 79.7   | 26.3 | 36.4   | 35.8 | 103       | 27.4 | 1951    | 62.2   | 16.8    | 5.3        | 11.7  | 1972* |
| 29      | 74     | 25.8 | 95.4   | 35.0 | 103       | 39.4 | 1966    | 61.4   | 16.3    | 54         | 12.2  | 1959  |
| 30      | 77.5   | 25.3 | 93.6   | 34.? | 105       | 40.6 | 1982    | 61.4   | 16.3    | 52         | 11-1  | 1975  |
| 31      | 6.3    | 24.9 | 24.1   | 34.5 | 106       | 41.1 | 1982 ** | 59.7   | 15.4    | 46         | 7.8   | 1975  |
| Monthly | 75.8   | 24.3 | 73.2   | 34.7 | 15.       | 41.1 | 1982=   | 58.4   | 14.7    | 36         | 3.3   | 1976  |

\*ALSO ON EARLIER YEARS

## DAILY AVERAGE/EXTREME TEMPERATURES

 . 72
 FALLIN, NI
 135%-1982
 AUSUST

 STATION
 STATION NAME
 YEARS
 MONTH

|         | MEAN TE | MP   |          | MA   | AXIMUM TE | MP   |       |        |      | INIMUM TEN   | AP       |       |
|---------|---------|------|----------|------|-----------|------|-------|--------|------|--------------|----------|-------|
| l Ì     | AVERA   | GE   | AVERA    | GE   | EXTRE     | ME   |       | AVERAG | E    | EXTRE        | ME       |       |
| DAY     | ° F     | °c   | ° F      | °c   | ° F       | °c   | DATE  | °F     | °c   | °F           | °C       | DATE  |
| 1       | 76.4    | 24.9 | 24.5     | 34.4 | 10 "      | 37.4 | 1977  | 59.6   | 15.3 | u 🤄          | 8.9      | 1975  |
| 2       | 76.4    | 24.7 | 74.3     | 34.6 | 104       | 40.7 | 1979  | 8.4    | 14.7 | 45           | 9.4      | 1974  |
| 3       | .6.3    | 24.9 | 74.7     | 34.9 | 104       | 47.0 | 1978  | 58.8   | 14.9 | 49           | 9.4      | 1972  |
| 4       | 17.1    | 25.2 | 94.4     | 34.7 | 1.5       | 40.6 | 1978  | 67.1   | 15.6 | 5.2          | 11.1     | 19:1  |
| 5       | 75.7    | 24.4 | 73.4     | 34.1 | 152       | 38.9 | 1978  | 58.4   | 14.7 | 52           | 11.1     | 19:   |
| 6       | 6.      | 24.4 | 4.3      | 34.5 | 102       | 30.9 | 1981  | 57.6   | 14.2 | <b>5</b> , 2 | 8.9      | 1976  |
| 7       | 16.     | 24.6 | 93.6     | 34.2 | 104       | 40.0 | 1081  | 58.8   | 14,0 | 42           | 5.6      | 1976  |
| 8       | 6.      | 24.6 | 74.4     | 34.7 | 10 4      | 42.2 | 1981  | 58.2   | 14.6 | 4.5          | 7.2      | 1976  |
| 9       | 6.7     | 24.8 | 94.4     | 34.7 | 105       | 41.1 | 1931  | 59.1   | 15.1 | 4.8          | 8.9      | 1976  |
| 10      | 7.1     | 25.1 | 94.6     | 34.8 | 105       | 40.6 | 1979  | 59.7   | 15.4 | 45           | 7.2      | 1942  |
| 11      | 77.1    | 25.2 | 75.1     | 35.1 | 103       | 39.4 | 1987  | 59.5   | 15.3 | 4.7          | 8.3      | 1973  |
| 12      | 76.1    | 24.5 | ∘3.7     | 34.3 | 102       | 36.9 | 1981  | 58.5   | 14.7 | 51           | 10.6     | 1982  |
| 13      | 74.4    | 23.9 | ₹2.0     | 33.3 | 13.4      | 40.7 | 1981  | 58.2   | 14.6 | 51           | 10.6     | 1973: |
| 14      | 5.      | 23.9 | ?C.8     | 32.7 | 103       | 37.4 | 1962  | 58.3   | 14.6 | 45           | 7.2      | 1978  |
| 15      |         | 23.4 | ?1.d     | 32.4 | 99        | 37.2 | 19739 | 56.7   | 13.7 | 46           | 7.8      | 1968  |
| 16      | 5       | 23.6 | ಾರ. ಇ    | 32.7 | 100       | 37.9 | 1981  | 57.2   | 14.3 | 46           | 7.8      | 1972  |
| 17      | 13.1    | 23.1 | 6.5      | 31.4 | 101       | 38.3 | 1991  | 57.7   | 14.3 | 4.5          | 7.2      | 1973  |
| 18      | 13.7    | 23.2 | 50.1     | 31.7 | 99        | 37.2 | 1981  | 57.6   | 14.2 | 41           | 5.0      | 1973  |
| 19      | 12.1    | 22.5 | -8.      | 31.1 | 170       | 37.8 | 1960  | 56.4   | 13.6 | 47           | 8.3      | 1979  |
| 20      | 1.4     | 21.9 | 8.6      | 31.4 | 99        | 37.2 | 1960  | 54.2   | 12.3 | 4.5          | 7.2      | 1974  |
| 21      | ~ 1     | 22.3 | 84.5     | 31.9 | 103       | 39.4 | 1982  | 54.9   | 12.7 | 44           | 6.7      | 1968  |
| 22      | 77.4    | 21.4 | <u> </u> | 37.7 | 98        | 36.7 | 1981  | 53.2   | 12.1 | 4.2          | 5.6      | 196   |
| 23      | 7.5     | 22.2 | ०५, ध    | 31.9 | 171       | 38.3 | 1969# | 54.2   | 12.3 | 34           | 1.1      | 1973  |
| 24      | 71.1    | 22.0 | 87.4     | 31.  | 99        | 36.7 | 1981# | 53.6   | 12.  | 7.2          | <u> </u> | 1973  |
| 25      | -1.3    | 22.1 | 9.9      | 31.6 | 101       | 38.3 | 1982  | 54.7   | 12.5 | 44           | 6.7      | 196   |
| 26      | 11.2    | 21.8 | :7.7     | 30.9 | 9.8       | 36.7 | 1981  | 54.4   | 12.4 | 45           | 7.2      | 1973  |
| 27      | ٤ , ٦   | 71.1 | 7.3      | 30.7 | 100       | 37.4 | 1981  | 52.3   | 11.3 | 3.6          | 3.3      | 1973  |
| 28      | 7.07    | 21.5 | 97.8     | 31.1 | 101       | 35.3 | 1931  | 53.6   | 12.0 | 3.5          | 3.0      | 1973  |
| 29      | 6.5.6   | 20.9 | 7.2      | 30.7 | 102       | 38.9 | 1981  | 52.1   | 11.2 | 41           | ~ · C    | 1064  |
| 30      | 47.     | 20.7 | 86.7     | 37.4 | 96        | 35.6 | 1967  | 51.7   | 11.1 | 43           | 6.1      | 1956  |
| 31      | ~ 5 • 3 | 20.1 | 36.4     | 30.3 | 95        | 35.6 | 1967  | 52.1   | 11.1 | 43           | 6.1      | 1962  |
| Monthly | 73.8    | 23.2 | 20.9     | 32.7 | 108       | 42.2 | 1981  | 56.5   | 13.6 | 3.2          | • 1      | 1973  |

\*ALSO ON EARLIER YEARS

#### DAILY AVERAGE/EXTREME TEMPERATURES

STATION STATION NAME YEARS MONTH

|         | MEANT   | EMP  |       | M    | AXIMUM TE | MP       |        |        | N     | IINIMUM TEI | MP     |      |
|---------|---------|------|-------|------|-----------|----------|--------|--------|-------|-------------|--------|------|
| Ī       | AVERA   | AGE. | AVERA | GE   | EXTR      |          |        | AVERAG | E     | EXTRE       | ME     |      |
| DAY     | ° F     | °c _ | ° F   | °c   | °F        | °c       | DATE   | °F     | °C    | °F          | °c     | DATE |
| 1       | • •     | 2 6  | 7.3   | 3".7 | 9.0       | 36.7     | 1981   | 51.6   | 10.9  | 35          | 1.7    | 1973 |
| 2       |         | 20.7 | ÷7.3  | 37,7 | 97        | 36.1     | 1982   | 51.1   | 10.6  | 25          | -3.9   | 1973 |
| 3       | . 3     | 21.6 | =8.0  | 31.1 | 36        | _35.6    | 1973   | 53.5   | 11.9  | 35          | 1.7    | 1973 |
| :       | • 1     | 20.6 | 87.2  | 30.7 | 93        | 36.7     | 1977   | 51.7   | 13.6  | 3.5         | 1.7    | 1973 |
| 5       | • 1     | 20.7 | 85.8  | 29.9 | 97        | 36.1     | 1977   | 52.7   | 11.5  | 4.2         | 5 . 6  | 1973 |
| 6       | 4       | 21.0 | 6.8   | 30.4 | 97        | 36.1     | 1977   | 52.8   | 11.6  | 44          | 6.7    | 1964 |
| 7       | 4 9     | 21.1 | 6.3   | 30.2 | 99        | 37.2     | 1979   | 53.4   | 11.9  | 41          | 5.0    | 1973 |
| .8      | • •     | 20.0 | 15.0  | 29.4 | 97        | 36.1     | 1982   | 51.7   | 17.6  | 24          | -4.4   | 1973 |
| 9       | 57.     | 13.9 | 94.7  | 29.3 | 3.7       | 36.1     | 1982   | 51.1   | 10.6  | 35          | 1.7    | 1973 |
| 10      | 6 1 • 5 | 20∙3 | 14.0  | 28.9 | 9 =       | 35.7     | 1977   | 53.1   | 11.7  | 43          | 6.1    | 19.4 |
| _11     | 6.3     | 19.2 | 3 • 3 | 29.5 | 95        | 35.5     | 19:1   | 50.0   | 10.0  | 3 ·         | 3 • 3  | 1922 |
| 12      | 6.1     | 19.9 | 13∙1  | 28.3 | 96        | 35.6     | 1981   | 49.4   | ₹ . 7 | 3.3         | • 0    | 1972 |
| 13      | 4 . 4   | 18.0 | - 5   | 26.9 | 93        | 33.7     | 1981   | 45.5   | 4.2   | 30          | 1.1    | 1972 |
| 14      | 2.4     | 17.0 | 79.3  | 26.3 | 93        | 33.7     | 1981"  | 46.2   | 7.9   | 3.4         | 1.1    | 197  |
| 15      | € •     | 17.2 | ್ರ-೧  | 26.7 | 94        | 34.4     | 1981*  | 45.5   | 7.7   | 34          | 1.1    | 1000 |
| 16      | 47.     | 17.1 | 79.7  | 26.5 | 99        | 37.      | 1981   | 46.1   | 7.8   | 77          | 2.8    | 197  |
| 17      | 3.      | 17.5 | 7 - 5 | 26.4 | 96        | 35.6     | 10810  | 47.5   | 8.5   | 29          | -1.7   | 1375 |
| 18      | 1 ~     | 17.1 | 7:.0  | 25.6 | 94        | 34.4     | 1081#  | 47.5   | 8 • é | 24          | -4.4   | 1965 |
| 19      | 1.1     | 10.2 | 77.5  | 25.3 | 93        | 33.      | 1981   | 45.1   | 7.3   | - 2:        | -6.2   | 1965 |
| 20      | • 4     | 15.8 | 76.5  | 24.7 | 9         | <u> </u> | 1981   | 44.1   | 6.7   | -2          | • 9    | 1975 |
| 21      | • • 7   | 15.5 | 76.4  | 24.7 | 93        | 33.3     | 1979   | 47.1   | 5 • 2 | 3.1         | 6      | 1365 |
| 22      |         | 15.5 | 78.4  | 25.0 | 9^        | 32.2     | 1082#  | 43.    | 6.1   | -1          | 6      | 1965 |
| 23      | 1.0     | 16.4 | 79.0  | 26.1 | 9 .       | 32.2     | 1 = 66 | 43.5   | 5.4   | 7.2         | • ⋾    | 1977 |
| 24      | 0       | 16.7 | 79.3  | 26.3 | 9.2       | 33.3     | 1078   | 44.3   | 5.8   | 26          | -3.3   | 1955 |
| 25      | . 7     | 17.6 |       | 27.1 | 94        | 34.4     | 1978   | 45.5   | 7.5   | 28          | -2.2   | 1972 |
| 26      | 15.1    | 19.4 | 1.5   | 27.6 | 9 7       | 33.3     | 1978   | 48.    | 9.9   | 7           | -1.1   | 107  |
| 27      | 65.     | 17.1 | 79.8  | 26.6 | 93        | 33.      | 1980   | 45.7   | 7.6   | 37          | 2.8    | 197  |
| 28      | 1.7     | 16.5 | 78.1  | 25.6 | 9;        | 32.1     | 1963   | 45.4   | 7.4   | <u> </u>    | -1.1   | 1952 |
| 29      | . 7     | 15.9 | 77.3  | 25.2 | 91        | 32. 7    | 1963   | 44.3   | 6.9   | 73          | -1.7   | 1950 |
| 30      | 53.     | 16.1 | 78.2  | 25.7 | 95        | 35.      | 1983   | 43.7   | 6.5   | , 3         | - 6    | 1952 |
| 31      | I       |      |       |      |           |          |        |        |       |             |        |      |
| Monthly | £ 14 .  | 18.3 | 1.0   | 27.6 | 90 [      | 37.7     | 1951   | 48.7   | 5.9   | 24          | -4 . 4 | 1973 |

\*ALSO ON EARLIER YEARS

#### DAILY AVERAGE/EXTREME TEMPERATURES

 72
 FILLIN, Y/Z
 1/256-1932
 CCT05EB

 STATION
 STATION NAME
 YEARS
 MONTH

|         | MEAN T      | EMP   |                | M    | AXIMUM TEN | ΜP   | T      |         | MI          | NIMUM TEN | иP          |       |
|---------|-------------|-------|----------------|------|------------|------|--------|---------|-------------|-----------|-------------|-------|
| İ       | AVERA       | GE    | AVERA          | GE   | EXTRE      | ME   |        | AVERAGE |             | EXTRE     | ME          |       |
| DAY     | ° F         | °c    | °F             | °C   | ° F        | °c   | DATE   | °F_     | °c          | °F        | °c          | DATE  |
| 1       | • 1         | 15.6  | 77.4           | 25.2 | 9 `        | 32.2 | 1980   | 42.4    | 5 . %       | 27        | -2.         | 1971  |
| 2       | •           | 15.8  | 77.3           | 25.2 | 91         | 32.  | 1963   | 43.1    | 5.2         | 27        | -2.5        | 1971  |
| 3       |             | 15.3  | 75.8           | 24.3 | ٠, ٢       | 32.7 | 1987   | 42.7    | 5 • 9       | 7.1       | 6           | 1971  |
| 4       | • 4         | 15.3  | 75.5           | 24.7 | 9          | 32.7 | 1 28 7 | 42.     | 6.0         | 27        | -2.6        | 1967  |
| 5       |             | 1 . 1 | 76.6           | 24.8 | 8.7        | 31.7 | 198    | 41.4    | 5.2         | ~ t       | -3.3        | 1063  |
| -6      | • *         | 15.3  | 76.3           | 24.6 | 8 7        | 31.7 | 1983-  | 42.5    | 5 - 5       | 2.8       | -2.2        | 1969  |
| _ 7     | 5           | 13.6  | 71.4           | 21.7 | 90         | 32.2 | 1980   | 43.3    | 4,9         | 29        | -1.7        | 1765  |
| 8       | 5 . 7       | 13.7  | 72.0           | 22.2 | 9.5        | 33.3 | 1987   | 47.6    | 4 . 8       | 21        | -3.3        | 196:  |
| 9       | - 7.6       | 14.2  | 72.8           | 22.7 | 8.7        | 31.7 | 1965   | 41.6    | 5.3         | 2.4       | -1.7        | 1962  |
| 10      | • • •       | 14.5  | 73.1           | 22.3 | 54         | 25.9 | 19634  | 42.3    | 5.7         | 3.5       | 1.7         | 19/0  |
| 11      |             | 14.1  | 72.4           | 22.4 | 34         | 28.7 | 1958   | 42.0    | <u> 5.6</u> | 26        | -3.3        | 1957  |
| 12      | ς, <u>.</u> | 13.4  | 71.6           | 22.  | <u>چ</u> ج | 20.4 | 1079   | 41.1    | 5 • 1       | 23        | -2.2        | 1083  |
| 13      | 75.         | 13.2  | 71.9           | 22.1 | 34         | 28.9 | 1971   | 39.5    | 4.2         | 26        | -3.3        | 1960  |
| 14      | • 3         | 11.2  | 57.2           | 20.7 | न्य        | 28.9 | 1958   | 35.9    | 2.2         | 22        | -5.6        | 1956  |
| 15      | • 1         | 11.2  | 61.5           | 20.0 | 9.5        | 20.4 | 1978   | 36.5    | 2 • 5       | 24        | -4.4        | 19:5  |
| 16      |             | 11.1  | € 9 <b>. ₩</b> | 20.2 | 8.5        | 33.3 | 1977 2 | 35.1    | 2.2         | 27        | -2.8        | 1956  |
| 17      |             | 11.2  | 4,9.5          | 27.6 | 9.3        | 23.3 | 1958   | 35.4    | 1.0         | 2:        | -6.7        | 1971  |
| 18      | 2.1         | 11.4  | 2              | 20.7 | 8 t        | 29.4 | 1977   | 36.1    | 2.3         | 23        | -5.0        | 1971  |
| 19      | 2 - 1       | 11.4  | 5 - 4          | 20.3 | 2.3        | 28.3 | 1977   | 35.7    | 2.1         | 24        | -4.4        | 1976  |
| 20      | 5.2         | !1.9  | <u> </u>       | 27.0 | 7 ^        | 26.1 | 1960   | 37.0    | 2 • 8       | . 25      | -3.9        | 19500 |
| 21      | 104         | 11.8  | 65.3           | 27.1 | 73         | 25.1 | 1960   | 34.8    | 1.5         | 72        | -5.6        | 1953  |
| 22      | 110         | 11.1  | 60.7           | 27.6 | 76         | 24.4 | 1982   | 37.0    | 1.7         | -32       | -5.6        | 1961  |
| 23      | -1.1        | 10.9  | 67.9           | 19.9 | 8.         | 26.7 | 1959   | 35 • 1  | 1.7         | 24        | -4.4        | 1361  |
| 24      | 1.          | 10.8  | 67.9           | 19.9 | 86         | 37.5 | 1959   | 35.     | 1.7         | 24        | -4.4        | 1975  |
| 25      | 2.1         | 11.3  | 5: •5          | 20.3 | 33         | 28.3 | 1959   | 36.     | 2.2         | 27        | -2.8        | 1971  |
| 26      | • 1         | 10.3  | 65.3           | 18.8 | 77         | 25.7 | 1791   | 35.2    | 1.5         | 24        | -4.4        | 1976  |
| 27      | 4           | 9.2   | 14.2           | 17.5 | 7 0        | 26.1 | 1978   | 32.7    | . 4         | 17        | 3           | 197   |
| 28      | 37.         | 5.4   | 42.7           | 17.1 | 5-4        | 23.9 | 1978   | 31.6    | 2           | 16        | - 5 - 9     | 197   |
| 29      | 40.         | 7.2   | 5 • 8          | 14.7 | 7 ?        | 25.6 | 1762   | 31.3    |             | 11        | -11.7       | 1971  |
| 30      | 4.7         | 6.9   | 50.7           | 15.7 | 7:         | 25.6 | 1962   | . ુ • લ | -1.3        | 17        | -8.3        | 1972  |
| 31      | 4 1         | 7.8   | 51.7           | 16.5 | 7 =        | 21.6 | 138.   | 30.4    | 8           | 21        | <u>-6.1</u> | 1972  |
| Monthly | 3.6         | 12.0  | 67.7           | 5.04 | 9.2        | 33.3 | 1987   | 37.4    | 3.1         | 11        | -11.7       | 1971  |

\*ALSO ON EARLIER YEARS

## DAILY AVERAGE/EXTREME TEMPERATURES

| 77      | THE N. V     | 1957-1982 | N. VETBET |
|---------|--------------|-----------|-----------|
| STATION | STATION NAME | YEARS     | MONTH     |

|         | MEAN TE | MP             | -              | ٨     | AXIMUM TE | MP       |       |         | N.      | AINIMUM TE | MP             |       |
|---------|---------|----------------|----------------|-------|-----------|----------|-------|---------|---------|------------|----------------|-------|
|         | AVERA   | GE             | AVERA          | GE    | EXTR      | EME      |       | AVERAG  |         | EXTR       | EME            |       |
| DAY     | F       | ° C            | °F             | °c    | °F        | ° c      | DATE  | °۶      | °C      | ₹F         | °C             | DATE  |
| 1       | - •     | 5.1            | -1.5           | 16.04 | 7.5       | 23.7     | 1667  | 31.4    | ?       | 7.7        | -r •           | 1575  |
| 2       | 4       | 7.9            | 61.0           | 15.1  | 7 %       | 24.4     | 1980  | 31.4    | 3       | 2.3        |                | 1971  |
| 3       | 46.     | 5.3            | 62.5           | 16.0  | 7         | 25.6     | 1983  | 31.1    | 1       | 7.1        | -6.1           | 1971  |
| 4       |         | 8.5            | 62.2           | 16.   | 7:        | 23.0     | 1977  | 32.4    | . 4     | 13         | -7.2           | 1973  |
| 5       | 1 . 2   | 7.7            | Ç 9 • <b>9</b> | 15.5  | 71        | 21.7     | 1976  | 32.6    | . 3     | 1 5        | -7.8           | 19"9  |
| 6       | 41.     | 7.7            | 19.2           | 15.1  | 7 ^       | 21.1     | 1276  | 32.7    | • 0     | 17         | -8.7           | 1950  |
| 7       | 11 1    | 7.8            | 59.7           | 15.4  | 7~        | 21.1     | 1976  | 32.2    | • 1     | 13         | -7.2           | 19/1  |
| 8       | u° . 1  | 7 . 3          | E Q . Q        | 15.4  | 7.3       | 22.1     | 1967☆ | 37.5    | - P     | 1          | -7.8           | 13/1  |
| 9       | a · . 1 | 7.4            | 40.5           | 15.0  | 8.7       | 26.7     | 1959  | 30.2    | -1.     | 17         | - 9 · 3        | 1 777 |
| 10      | 3.      | 6.6            | - 3.4          | 14.7  | 71        | 21.7     | 1973  | .29 . 8 | -1.2    | 1          | -7.8           | 1977  |
| 11      | 4 .     | 7.2            | 5 . 5          | 14.7  | 7^        | 21.1     | 1977  | 31.5    | 3       | 31         | -6.1           | 1979  |
| 12      | ?•      | 6 • 1          | 56.2           | 13.4  | 7         | 21.1     | 1959  | 29.4    | -1.4    | 16         | -0.9           | 197â  |
| 13      | 2. 1    | 5 . 8          | 5.3            | 12.9  | 67        | 19.4     | 1959  | 29.1    | -1.5    | 16         | -1.9           | 1961  |
| 14      | 1.5     | 5 • 3          | = 3 . 7        | 12.1  | 6         | 2 °2 • n | 1955  | 29.7    | -1.5    | 13         | -10.6          | 1964  |
| 15      | 1.5     | 5.3            | 5 H . H        | 12.4  | 70        | 22.2     | 1981  | 28.5    | -1.9    | 13         | -10.6          | 1953  |
| 16      | 95.     | ئ <b>ن</b> و ڏ | 52.0           | 11.0  | 73        | 22.3     | 1981  | 28.2    | -2.1    | 17         | - ° • 3        | 19° c |
| 17      | • *:    | 3.             | -1.5           | 10.3  | 56        | 18.0     | 1976  | 26.5    | -3.1    | ,          | -12.3          | 1959  |
| 18      | • ~     | 3.€            | 1.5            | 10.0  | 55        | 19.0     | 1059  | 25.6    | -3.6    | 1_1        | -17.2          | 1054  |
| 19      |         | 3              | 5.0.7          | 10.4  | 67        | 19.4     | 1966  | 25.5    | - 5 . 4 | 5          | -1:.7          | 10/4  |
| 20      | •       | 3 . €          | 12.4           | 11.3  | 6 "       | 13.3     | 1974  | 25.3    | -5.7    | 4          | -13.3          | 1:77  |
| 21      | •       | 3.9            | 1.3            | 17.7  | 60        | 25.4     | 1981  | 25.7    | -2.9    | 7          | -15.9          | 1761  |
| 22      | •       | 3 • 6          | 5 . 2          | 10.5  | 63        | 17.2     | 1987  | 76.1    | -3.3    | 17         | ~ 3 . 3        | 1979  |
| 23      | • 1     | 4.5            | 13.3           | 11.7  | 6?        | 19.4     | 1381  | 26 . 5  | - 7.9   | 11_        | -7.8           | 1972  |
| 24      | 1 • 4   | 5.0            | ″ S • 5        | 13.1  | 7         | 25.6     | 1970  | 27.6    | -2.4    | 16         | <b>~</b> 9 • 9 | 19 6  |
| 25      | ე.      | 4.5            | 3.7            | 12.1  | 74        | 23.3     | 1977  | 26.7    | -2.9    | 12         | -11.1          | 1756  |
| 26      | 7       | 3.7            | F              | 10.4  | 6         | 20.7     | 1977  | 26.     | - 3 - 3 | 1 4        | -1 -0          | 1361  |
| 27      | • 1     | 2.3            | 4 .6           | 9.2   | 65        | 15.6     | 1077  | 22.5    | -0.3    | 2.1        | -11.7          | 1981  |
| 28      | 7.      | 3 • 3          | 4.0            | 0.7   | 6.6       | 16.0     | 1988  | 24.7    | -4.1    | 1:         | -11.1          | 1003  |
| 29      | 77.7    | 3.1            | 1.5            | 1     | 7.2       | 22.7     | 1080  | 23.6    | -4.7    | 16         | -12.2          | 1969  |
| 30      | 7.4     | 3."            | 71.7           | 17.5  | 61        | 15.1     | 1973  | 23.9    | -4.5    | r          | -15.0          | 1976  |
| 31      |         |                |                |       |           |          |       |         |         |            |                |       |
| Monthly | :1.     | 5.4            | 25.2           | 12.   | بز        | :e.7     | 1958  | 3.7     | -2.1    | r,         | -15.0          | 1975: |

\*ALSO ON EARLIER YEARS

#### DAILY AVERAGE/EXTREME TEMPERATURES

T2 FILLING 1357-1952 DIFFMER
STATION STATION NAME YEARS MONTH

|         | MEAN       | TEMP | ······································ |       | MAXIMUM TE | MP      |       |       |              | MINIMUM TE | MP    |      |
|---------|------------|------|----------------------------------------|-------|------------|---------|-------|-------|--------------|------------|-------|------|
|         | AVER       | AGE  | AVER                                   | AGE   | EXTR       | EME     |       | AVERA | GE           | EXTR       | ME    |      |
| DAY     | ^ <b>F</b> | ^c   | °F                                     | °c _  | °F.        | °c _    | DATE  | °F    | °c           | °F         | °c _  | DATE |
| 1       | 7.         | 3.3  | ۶۱.۹                                   | 11.0  | 53         | 17.7    | 1965  | 27.7  | -4.5         | ! 1        | -11.7 | 1975 |
| 2       |            | 3.7  | 2.1                                    | 11.2  | 71         | 21.7    | 1977  | 25.4  | -3.7         | 1          | -12.2 | 1976 |
| 3       |            | 3.9  |                                        | 11.7  | 6.6        | 13.9    | 1979  | 24.9  | -3.9         | 11         | -11.7 | 1975 |
| 4       | - 7.       | 2.8  | 5 . 7                                  | 17.4  | 67         | 19.4    | 1977  | 23.3  | -4.3         | 11         | -11.7 | 1963 |
| 5       | 7          | 2.2  | 4 .8                                   | 9.3   | 65         | 18.9    | 1977  | 23.0  | -5.0         | 3          | -16.1 | 1973 |
| 6       |            | 2.1  | 47.3                                   | 9.6   | 60         | 2 . 5   | 1981  | 22.4  | -5. <b>3</b> | 5          | -13.3 | 1959 |
| 7       |            | 1.5  | 48.9                                   | 9.4   | 6          | 23.3    | 1981  | 21.4  | -5.9         | - 5        | -15.0 | 1771 |
| 8       | 2.4        | • 7  | 4 7 . 5                                | 8.1   | 6.2        | 15.7    | 1981  | 12.4  | -7.6         | -9         | -72.3 | 1972 |
| 9       | '2.        | . 7  | 45.9                                   | 7.7   | 60         | 20.6    | 1981  | 19.2  | -7.1         | -14        | -25.6 | 197  |
| 10      | 3.         | 1.0  |                                        | 9.1   | 63         | 17.2    | 1951  | 19.6  | -6.9         | -9         | -22.2 | 1972 |
| 11      | . 3        | 3    | 46.4                                   | 2.7   | 6          | 20.0    | 1977  | 18.6  | -7.4         | -14        | -25.6 | 1972 |
| 12      | 71.1       | -•2  | 44.5                                   | 7.1   | 60         | 15.5    | 1969  | 19.6  | -7.4         | -7         | -21.7 | 1972 |
| 13      | 7          |      | 42.7                                   | 5.9   | 61         | 16.1    | 1977  | 19.8  | -7.3         | -5         | -20.6 | 1972 |
| 14      | 73.        | • 8  | 46.5                                   | 8.1   | 6          | 26•2    | 1777  | 20.4  | -6.3         | -5         | -20.6 | 1972 |
| 15      | ₹4.1       | 1.9  | 47.9                                   | . ୧   | 5°.        | 18.3    | 1962  | .1.2  | -6.0         | -2         | -16.9 | 1972 |
| 16      | ~ 3.       | 1.1  | 47.1                                   | 9.4   | 7          | 21.1    | 1982  | 27.2  | -6.6         |            | -14.4 | 1972 |
| 17      | 74.5       | 1.   | 47.4                                   | ۶ • 5 | 61         | 16.1    | 198   | 21.7  | -5.7         | 6          | -14-4 | 1971 |
| 18      | 73.1       | • 4  | ե <b>կ.</b> 7                          | 7.2   | 5.7        | 15.     | 1967  | 22.5  | -5.3         | £          | -14.4 | 1971 |
| 19      | 74.7       | 1.2  | 46.6                                   | 8.1   | 6          | 23.7    | 1081  | 21.3  | -5.9         | 5          | -15.3 | 1961 |
| 20      | 7 - 4      | 1.3  | 46.7                                   | 8.2   | 67         | 19.4    | 1981  | 22.1  | -5.6         | -4         | -2:07 | 1965 |
| 21      |            | 2.4  | 46.0                                   | 8.7   | 6.5        | 18.3    | 1969  | 25.5  | - ? . 5      | 11         | -11.7 | 1962 |
| 22      | 34         | 1.1  | 44.2                                   | 6.5   | 69         | 20.4    | 1964  | 24.6  | -4.1         | €,         | -14.4 | 1964 |
| 23      | '?•        |      | 44.5                                   | 6.9   | €4         | 17.9    | 1964  | 21.0  | -6.1         | 9          | -12.4 | 1973 |
| 24      | ,          | 1.7  | 45.6                                   | 8 • 1 | 63         | 17.2    | 1764  | 22.7  | -5.2         | 7          | -12•€ | 1962 |
| 25      | 73.        | • स  | 4,.4                                   | 7.4   | 67         | 10.7    | 1983  | 21.5  | -5.8         | ۲ .        | -15.0 | 1962 |
| 26      | '3.        | 9    |                                        | 7.    | 51         | 16.1    | 1987  |       | -5.4         | 5          | -15.0 | 1962 |
| 27      | 72.4       |      | 43.2                                   | 6.2   | 6.7        | 17.7    | 1981  | 21.9  | -5.6         | - 2        | -15.7 | 1962 |
| 28      | 12.1       |      | 44.3                                   | 6.9   | 61         | 1 ÷ • 1 | 199   | 20.4  | -6.3         | 1          | -17.2 | 1971 |
| 29      |            | • 7  | 44.6                                   | 7.1   | 5_         | 15.1    | 19874 | 10.0  | -t.7         | -1         | -1×.3 | 1971 |
| 30      | • 1        | -1.1 | 43.2                                   | 5.7   | 57         | 13.3    | 1977  | 17.1  | -9.3         | -:         | -2 .6 | 1971 |
| 31      | ` •        | -1.1 | -1-9                                   | 5.7   | 5.0        | 15.7    | 197"  | 16.2  | -0.8         | - 6,       | -2 .6 | 1971 |
| Monthly | 34.        | 1.1  | 45.6                                   | 3.1   | 71         | 21.7    | 1977  | 21.3  | -5.9         | -14        | -25.6 | 1972 |

\*ALSO ON EARLIER YEARS

#### **EXTREME VALUES**

MANTMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

\_\_\_\_\_

TALLUN, MY

STATION NAME

57-80

YEARS

APPLE DEGREES FAHRENHEIT

| MONTH      | JAN.    | FEB.  | MAR.  | APR.   | MAY   | JUN.     | JUL.  | AUG.       | SEP.         | ост.         | NOV.                                             | DEC.  | ALL<br>MONTHS |
|------------|---------|-------|-------|--------|-------|----------|-------|------------|--------------|--------------|--------------------------------------------------|-------|---------------|
|            |         |       |       |        |       |          |       |            |              | <del> </del> | <del>                                     </del> | 5-    |               |
|            | £ 4     | 6.7   | F 44  | 75     | 92    | 77       | 101   | 100        | - 3          | 58           | q                                                | 64    | 1.1           |
|            | 1, 3    | 6.7   | 69    | 84     | 7.2   | 101      | 105   | 101        | ₹3           | 36           | 7 ~                                              | 5.5   | 1.            |
| <u>.</u>   | 59      | 62    | 7.9   | 9.2    | 40    | 07       | 105   | 102        | 94           | 8.5          | 75                                               | 61    | 175           |
| 1          | 5.7     | 7 ~   | 72    | 9.6    | 90    | 194      | 102   | 102        | 3 8          | 86           | 43                                               | 58    | 174           |
| _ 3 .1     | 4,2     | F.9_  | 74    | 85     | 54    | 96       | ନ ଶ   | 103        | 23           | 87           | 7.2                                              | 65    | 157           |
| •          | 61      | 73    | 67    | 77     | 23    | 91       | 98    | 98         | 0.3          | 91           | 6.8                                              | 61    | 3.6           |
| 4          | 5-8     | 64    | 75    | 80     | 52    | 96       | 170   | 171        | 9.2          | 9.0          | 5.5                                              | 59    | 151           |
| 5          | £ 5     | 6.5   | 76    | 8.3    | 9.5   | 35       | 3.8   | 97         | 8.8          | 39           | 74                                               | 63    | 9.5           |
| _ 6        | 51      | 5.7   | 80    | .e 5   | ા     | 95       | 1 ~ 3 | 2.6        | 93           | ა 2          | 72                                               | 63    | 1.7           |
| 6 ?        | 53      | 67    | 71    | 6.5    | 95    | 101      | 102   | 170        | 0.5          | 81           | 73                                               | 57    | 152           |
| 4          | 6.1     | 45    | 76    | 81     | 1 ت   | 100      | 130   | Ģ <b>5</b> | 96           | 8.7          | 59                                               | £1    | 1.9           |
| F          | 6.9     | 59    | 77    | 3.     | 30    | 95       | 101   | 102        | 95           | € 1          | ₹ 5                                              | 65    | 1 2           |
|            | £7      | רֵי   | 72    | 76     | 72    | . ng     | 100   | 102        | 72           | ÷7           | 7 2                                              |       |               |
| 1          | 72      | 73    | 80    | 8.3    | 5.6   | 93       | 102   | 100        |              | 5.4          | 4.3                                              | 5,7   |               |
| ··         | 61      | 69    | 8.2   | 77     | 9,0   | 101      | 101   | 100        | 9.7          | 75           | 5.2                                              | 59    | 101           |
| ` 3        | 59      |       | 55    | 5.2    | 90    | 103      | 1 72  | 171        | 35           | 80           | -1                                               | 59    |               |
|            | 67      | 4.4   | 71    | 83     | 89    | 95       | 95    | 63         | 91           |              | 6.7                                              | 5.5   | <u> </u>      |
| 7.5        | 69      | 5 9   | 59    | 6.9    | 87    | 0        | 1 ,0  | 5.1        | 8.9          | 9.2          | 7.2                                              |       |               |
| <u>"</u> 5 | 5 ಚ     | 55    | 72    | 77     | 91    | 94       | 1 ^0  | 94         |              | 7.6          | 71                                               |       |               |
| 77         | - 2     | 70    | 75    | 36     | 95    | _ი გ     | 100   | 103        | ⇒8           | P 6          |                                                  | _     |               |
| 7.         |         | 4.6   | 79    | 77     | 90    | 9.5      | 1 75  | 175        | 46           | 87           |                                                  | - 7   |               |
| 7 ,        |         | 66    | 72    | 79     | 95    | 103      | 105   | 105        | 0.9          | 60           | 56                                               | 66    |               |
|            |         | 71    | 67    | 87     | 93    | 79       | 176   | 1 7 3      | 0.5          | 17-          | <b></b>                                          | 5.5   |               |
| 1          | . 3     | 75    | 67    | 95     |       |          |       | 106        | 99           |              |                                                  | 5 ·   |               |
|            | 93      | 79    | 69    | 9.2    | 92    | <u> </u> | 176   |            |              |              |                                                  |       |               |
|            |         |       |       |        |       |          |       |            |              |              |                                                  |       |               |
| MEAN       | / i • : | 57.2  | 72.6  | £1.1   | 9 .6  | 77.0     | 171.5 | 170.3      | 93.4         | 24.8         | 77.02                                            | 51.6  | 101.          |
| S. D.      | .061    | 5.267 | 4.382 | ·· 271 | 2.716 | 3.575    | 2.904 | 3.714      | 3.36         | 4.447        | 4.347                                            | 3.789 | 2.277         |
| TOTAL OBS. | 6 .     | 67.   | 775   | 750    | 744   | 720      | 744   | 744        | 6 <b>6</b> ^ | 692          | 530                                              | 651   | 846           |

#### **EXTREME VALUES**

MARTHUM TEMPERATURE

FROM DAILY OBSERVATIONS!

STATION

FILLOW, NV

STATION NAME

57-81

YEARS

AMOLE DEGREES FAHRENHEIT MASED ON LESS THAN FULL MONTHS/

| MONTH                                 | JAN.        | FEB.        | MAR.        | APR.        | MAY          | JUN.    | JUL.       | AUG. | SEP.    | ост.         | NOV.                                             | DEC. | ALL<br>MONTHS |
|---------------------------------------|-------------|-------------|-------------|-------------|--------------|---------|------------|------|---------|--------------|--------------------------------------------------|------|---------------|
| YEAR.                                 |             |             |             |             | <b> </b>     |         |            |      | <b></b> |              |                                                  | 54   | MES LEAD      |
| · · · · · · · · · · · · · · · · · · · |             |             |             |             | ]            |         |            |      |         | 1            |                                                  | 29   | DAYS          |
| · · · · · /                           | <del></del> | 61          |             |             |              |         |            |      |         |              |                                                  |      | पदा राष्ट्र   |
|                                       | 1           | 2.5         | ,           |             |              |         |            |      |         |              |                                                  |      | 2415          |
| ٠, ۱                                  |             |             |             |             |              |         |            |      |         | 79           |                                                  |      | WAX YEUR      |
|                                       | }           |             | ,           |             | }            |         |            |      |         | , <b>t</b> r |                                                  |      | CYAC          |
| 5.5                                   |             |             |             | <del></del> |              |         |            |      |         |              |                                                  | 6.3  | वसरुर प्राच   |
|                                       | į           |             |             |             |              |         |            |      |         |              |                                                  | 30   | TEYS          |
| -6                                    |             |             |             |             |              |         |            |      |         |              | <del>                                     </del> | F :: | मिह्र रहम्ह   |
|                                       |             |             |             | •           | ·            |         |            |      | }       |              |                                                  | 3.0  | CAYS          |
| -7                                    |             |             | <del></del> |             | <del> </del> |         |            |      |         |              | 76                                               | 71   | PAY TEMP      |
| i i                                   |             |             |             |             | [            |         |            |      |         |              | 76                                               | 33   | CAYS          |
| 7                                     | 7.3         |             |             |             |              |         |            |      |         |              | 77.                                              |      | MYX LIND      |
|                                       | 27          |             |             |             |              |         |            |      |         |              | 20                                               |      | PAYS          |
| 7:                                    | 59          |             |             |             |              |         |            |      |         |              |                                                  |      | GREAL AVAIL   |
|                                       | :0 }        |             |             |             | ]            |         |            |      |         |              |                                                  |      | DAYS          |
| 3                                     | 7:4         |             |             |             |              |         |            |      |         |              | 75                                               |      | MIK YEMP      |
| }                                     | :5 }        |             |             |             | }            |         |            |      |         |              | 13                                               |      | DAYS          |
| 1                                     |             |             |             |             |              | 102     | 106        |      |         | 97           | 75                                               |      | ABX LEBS      |
| i I                                   | 1           |             |             | j           | 27           | 24      | <b>3</b> 6 |      |         | 30           | 2 3                                              |      | DAYS          |
| ,                                     |             |             |             |             |              |         |            | 122  | :7      | 8.0          | 7                                                | 71.  | MYX Ache      |
|                                       |             | · · · · · · |             |             |              |         |            | 75   | ?6      | 26           | 75                                               | 26   | DAY!          |
|                                       |             |             | <u> </u>    |             |              |         |            |      |         |              |                                                  |      |               |
|                                       |             |             |             |             |              |         |            |      |         |              |                                                  |      |               |
| <del>  </del>                         |             |             |             |             | ļ            |         |            |      |         |              | <del></del>                                      |      | <del> </del>  |
|                                       |             |             |             | ļ           | <b>}</b>     | <b></b> |            |      |         |              |                                                  |      | <b></b>       |
|                                       |             |             |             |             |              |         |            |      |         |              |                                                  |      |               |
| MEAN                                  |             |             |             |             |              |         |            |      |         |              |                                                  |      |               |
| S. D.                                 | ]           |             |             |             |              |         |            |      |         |              |                                                  |      |               |
| TOTAL OBS.                            |             |             |             |             |              |         |            |      |         |              |                                                  |      |               |

#### **EXTREME VALUES**

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

STATION

FILLON. NV

STATION NAME

YEARS

WHILE DEGREES FAHRENHEIT

| MONTH      | JAN. | FEB. | MAR.  | APR.  | MAY   | JUN.  | JUL.  | AUG. | SEP. | ост.  | NOV.  | DEC.  | ALL<br>MONTHS   |
|------------|------|------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|-----------------|
| 3.7        |      |      |       |       |       |       |       |      |      |       | 14    | !1    |                 |
| : 1        | 1.   | 1 8  | 17    | 26    | 40    | us    | 5.7   | 5.5  | 26   | 22    | ۹     | 1.7   | \$              |
|            | ?    | 1.7  | .70   | 26    | 71    | 42    | 45    | 43   | 29   | 24    | 14    | 7     |                 |
|            | 3    | 1 7  | 12    | 24    | ם -   | 4.0   | 5.3   | 3.7  | 37   | 24    | 17    | 11    | :               |
| 1          | 7    | 13   | 22    | 25    | 11    | 40    | n c   | ٠,   | 3.3  | 72    | •     | ! -   | 1-              |
|            | 1    |      | 25    | 37    | 2.3   | 37    | ٠,    | 4.5  | 37   | 27    | 1.2   | 2     | ! ~~            |
|            | 11-  | 22   | 15    | 17    | 34    | 36    | ٤ (*  | 4 5  | 43   | 20    | خ أ   | 11    | 11-             |
| 4          | 10   | 11   | 13    | 23    | 23    | 3 5   | 4.8   | 41   | 34   | 5.0   | 5     | 9     |                 |
| 5          | 7    | 1:   | 11    | 5.6   | ور    | 36    | 45    | 4.5  | 24   | 28    | 71    | Ş     | 7               |
| 5          | 9    | 1.7  | 17    | 25    | 37    | 37    | 94    | 43   | 39   | 2.2   | 12    | 6     | •               |
| K ?        | 14   | 12   | 18    | 22    | 27    | 40    | 7.1   | 5.2  | 39   | 26    | 73    | 8     |                 |
| 4.         | 6    | 1.1  | 20    | 24    | ?3    | 40    | 40    | 4.2  | 31   | 26    | 17    | 4-    | ., <del>.</del> |
|            | 12   | 2    | טר    | 24    | 36    | 4.2   | 49    | 5.1  | 44   | 2.3   | 1     | 11    |                 |
| 7 ::       | - 4  | 16   | 15    | 21    | 32    | 43    |       | 5.3  | .78  | ló    | 2.3   |       |                 |
| 1          | 4 -  |      |       |       | 36    | 39    |       |      |      | 11    |       |       |                 |
|            | 7 -  |      | 14    | 13    |       | 3.7   | 46    |      | 26   | 17    | 1.7   |       |                 |
| "          | 2 -  |      | 21    | 24    | 12    |       |       | 7.3  |      |       | 10    |       |                 |
| ~4         | 6    | 1.9  | 20    | 24    | 32    | 37    | 41    |      | 37   |       | 20    | 2-    |                 |
| 7.5        | 5-   | 16   | 15    |       |       |       | 46    | 46   | 41   | 24    |       |       |                 |
| '6         | 13   |      | 20    |       | 42    |       |       |      |      |       |       |       |                 |
| 7.7        |      |      | 1.5   | 10    | 26    |       | 46    | 4 =  | 7.2  | 3.2   |       |       |                 |
| 7          | 1    |      | 27    | 28    | 36    | 42    | 45    | 4.1  | 31   | 2.5   | 15    | 1-    |                 |
| 7 =        |      | : }  | 23    | 27    | 32    | 36    | 47    | 40   | 44   | 25    | 1 C   | 8     |                 |
| <u>.</u>   |      | 1    | 20    |       | 36    | 37    | 4 3   | 47   | 39   | 23    |       | 7     |                 |
| 1          | 15   | 16   | 21    | 27    |       |       |       | 47   |      | 24    | 1.1   | 15    |                 |
|            | 17-  | 12   | 13    | 24    | 32    | 41    | 49    |      |      |       |       |       |                 |
|            |      |      |       |       |       | <br>  |       |      |      |       |       |       |                 |
| MEAN       |      | 13.7 | 17.9  | ~4.2  | 32.7  | 39.1  | 47.5  | 45.6 | 34.6 | 24.0  | 14.4  | 6.7   | 7.              |
| \$. D.     | .939 |      | 4.074 | 3.20° | 4.388 | 2.614 | 2.924 | 5.60 |      | 4.842 | 4.717 | 5.573 | 8.22.5          |
| TOTAL OBS. | 4.51 | - 36 | 744   | 63    | 682   | 6 D   | 451   | 520  | 600  | 551   | 600   | 55 %  | 7               |

#### **EXTREME VALUES**

HINIMUM TEMPERATURE FROM DAILY OBSERVATIONS

TILLIN, NY

57-87

STATION

STATION NAME

ABOLE DEGREES FAHRENHEIT /BASED ON LESS THAN FULL MONTHS/

| MONTH      | JAN.  | FEB. | MAR.       | APR.     | MAY | JUN, | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL<br>MONTHS |
|------------|-------|------|------------|----------|-----|------|------|------|------|------|------|------|---------------|
| •          |       |      |            |          |     |      |      |      |      |      |      | 3    | MAN ACAB      |
|            |       |      |            |          | İ   |      |      |      |      |      | i    | 5.6  | DAAZ          |
| • :        |       | 1,   | 6          | 31       |     |      | 47   | £ 4  |      |      | 15   |      | STN T ID      |
|            |       | ~ 7  | <b>T</b> O | 29       | _   |      | ם ד  | 2 ?  |      |      | 1 4  | 5.0  | ראיר ר        |
| 7.         |       | ,    |            |          | 77  |      |      | 4 -  |      |      |      |      | MAN AEMB      |
| 1          | ł     |      | }          | ł        | 77  | _    | ł    | 20   |      |      |      | 29   | D4Y5          |
| • 5        |       | 1.7  |            |          |     |      | 45   |      | 74   | 27   |      | - 21 | MIN LEAD      |
|            |       | 22   |            |          |     | _ ?  | ş    |      | Ş    | 5    |      | 78   | DAYS          |
| 74         |       |      |            |          |     |      |      | 4 '. |      | 30   |      |      | MIN LINE      |
|            |       |      |            | 1        |     | . 1  |      | _ 7. |      | 3.7  |      |      | DAYS          |
| , 5        | ]     |      |            | 22       | 77  | 41   |      |      |      |      | 14   | 16   | MIN LINE      |
|            |       |      |            | 11       | 25  | 2 9  |      |      |      |      | 2.8  | 25   | DAYS          |
| 76         |       | 10   |            | 19       |     | 41.  | .'8  | 42   |      | 21   | 5    | 8    | HIN TEHP      |
|            |       | 72   |            | 25       |     | 23   | 71   | 16   |      | 27   | 7.7  | 22   | DAYS          |
| ٠7         | r.    | 11   |            |          |     | £ 2  |      |      |      |      | 3    | 15   | MIN LINE      |
|            | 29    | 26   |            |          |     |      |      |      |      |      | ? =  | 2.4  | 0445          |
| 7 %        | 1.5   | 24   |            |          | 7   |      |      |      |      |      |      |      | MIN LEAD      |
|            | רי    | 27   |            |          |     |      |      |      |      |      |      |      | DAYS          |
| 70         | 5     |      |            |          |     |      |      |      |      |      |      |      | MIN ACOR      |
|            | ا ن ۲ |      |            |          | _   |      |      |      |      |      |      |      | UKAZ          |
| [          | 4     |      |            | 27       |     |      |      |      |      |      | 15   |      | MIN THE       |
|            | 30    |      |            | 27       |     |      |      | _    |      |      | 17   |      | TAY:          |
| 1          |       |      |            |          | ,5  | 4 -  | 44   |      | 3.8  |      |      |      | WIN TEND      |
|            |       |      |            |          | 24  | 21   | ? ^  |      | . 9  |      |      |      | DAYS          |
|            |       |      |            |          |     |      |      | 7.1  | 33   | 3.0  | 7.3  | 1.2  | MIN TOMP      |
| l          | 1     |      | i          |          |     |      |      | 2.   | 76   | 26   | 76   | 25   | CAYS          |
|            |       |      |            |          |     |      |      |      |      |      |      |      |               |
| L          |       |      |            | <u> </u> |     |      |      |      |      |      |      |      | 1             |
|            |       |      |            |          |     |      |      |      |      |      |      |      |               |
| MEAN       |       |      |            |          |     |      |      |      |      |      |      |      |               |
| \$. D.     |       |      |            |          | I   |      |      |      |      |      |      |      |               |
| TOTAL OBS. |       |      |            |          |     |      |      |      |      |      |      |      | 1             |

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|                       |     |            |       |                                        |           |         |         |                       |         |        |             |              |             |                  |               |         |                                        |          | HOURS        | (L S T.) |
|-----------------------|-----|------------|-------|----------------------------------------|-----------|---------|---------|-----------------------|---------|--------|-------------|--------------|-------------|------------------|---------------|---------|----------------------------------------|----------|--------------|----------|
| Temp.                 |     |            |       |                                        |           |         | WET BU  |                       |         |        |             |              |             | <del>-</del>     |               |         | TOTAL                                  |          | TOTAL        |          |
| ( <b>F</b> )          | 0   | 1 - 2      | 3 - 4 | 5 - 6                                  | 7 - 8     | 9 - 10  | 11 - 12 | 13 - 14               | 15 - 16 |        | 19 - 20     | 21 - 22 2    | 23 - 24 25  | · 26 27 ·        | 28 29 -       | 30 ≥ 31 | D.B./W.B.                              | Dry Bulb | Wet Bulb     | Dew Poin |
| 661 65                |     | 1          |       | 1                                      |           |         |         |                       |         | •2     |             |              | 1           | 1                |               |         | 3                                      | 3        |              | }        |
| .4/ 63                |     | 1          |       |                                        |           |         |         |                       | .1      | .1     | .1          |              |             |                  |               |         | 4                                      | 4        |              | <u> </u> |
| 12/ 61                |     | 1          | )     | l                                      |           |         | •?      |                       |         | . 1    |             | 1            | 1           | i                | ł             | - 1     | 4                                      | 4        |              |          |
| ( 1 59                |     |            |       |                                        |           | •1      |         | . 1                   | .1      | .1     |             |              |             |                  |               |         | 6                                      | 6        |              |          |
| 5// 57                |     |            | 1     | }                                      |           | • 1     | . 2     | • 1                   | • 2     | • 1    |             | 1 1          | 1           | j                | - 1           | 1       | 13                                     | 13       | }            | }        |
| 5.7.55                |     |            |       |                                        | 1         | •2      | .6      |                       | 3       |        |             |              |             |                  |               |         | 35                                     | 35       |              |          |
| 54/ 53                | ſ   |            | • 1   | j                                      | • 2       | • 3     | . 9     | • 5                   |         |        |             |              | 1           |                  | - }           | 1       | 34                                     | 34       |              | 1        |
| F2/ 51                |     |            |       |                                        | • 5       | 1.1     | .9      | • 1                   |         |        |             | L            |             |                  |               |         | 44                                     | 44       |              |          |
| 1.7 49                | ł   | 1          | • 1   | • 1                                    | • 5       |         | • 3     | • 1                   |         |        |             | 1 1          | 1           | - 1              | - }           | ì       | 4.8                                    | 48       | 5            | 1        |
| 44/ 47                |     |            | -1    | . 6                                    | . 9       | 1.5     | • 3     |                       |         |        |             |              |             |                  |               |         | 62                                     | 62       | 7            | 1        |
| 45/ 45                | • 1 | - 1        | • 1   | • 8                                    | 1.9       | 1.3     | • 2     |                       |         |        |             | 1            | ļ           |                  | -             | 1       | 76                                     | 76       | 19           | 1        |
| 44/ 43                | • 1 | • 1        | • 2   | 1.1                                    | 2.5       | .7      |         |                       |         |        |             | L            |             |                  |               |         | 81                                     | e 1      | 47           |          |
| 42/ 41                | - 1 | • 1        | 1 • 3 | 1 • 8                                  | 2.2       | •5      | • 1     | İ                     |         |        |             | 1            | - 1         | 1                |               | 1       | 105                                    | 105      | ,            |          |
| 431 39                | 1   | 6          | 1.5   | 1.3                                    | . 9       | . 3     |         |                       |         |        |             | L            |             |                  |               |         | 94                                     | 94       | 104          | ·        |
| 33/ 37                | . 1 | • 6        | 2.0   | 2.3                                    | . 8       | • 2     | . 1     |                       |         | 1      |             | 1 1          | 1           | - 1              | 1             | 1       | 107                                    | 107      | 126          | 11       |
| 35/ 35                | 3   | . 9        | 2.8   | 2.4                                    | 7         | 1       |         |                       |         |        |             | 1            |             |                  |               |         | 124                                    | 124      | 156          | 41       |
| 34/ 33                | .7  | 1.3        | 2 - 1 | 1.7                                    | • 5       |         |         |                       |         |        |             | 1            | 1           | i                | ĺ             | İ       | 109                                    | 109      | 142          | 1        |
| 72/ 31                | .4  | 2.0        | 3.3   | 1.7                                    | 3         |         |         |                       |         |        |             |              |             |                  | $\rightarrow$ |         | 135                                    | 135      | 143          | 94       |
| 33/ 29                | • 5 | 1.9        | 3.6   | . 7                                    | • 2       |         |         |                       |         |        |             | 1            | ł           | 1                | - 1           | }       | 120                                    | 120      | 146          | 130      |
| 23/ 27                | 1.1 | 1.9        | 2.1   | . 5                                    |           |         |         |                       |         |        |             |              |             |                  |               |         | 97                                     | 97       | 161          | 186      |
| 267 25                | 1.1 | 2.3        | 1.2   | • 1                                    |           |         |         |                       |         |        |             | 1            |             | 1                | į.            | 1       | 82                                     | 82       | 148          | 1 -      |
| 24/ 23                | 1.0 |            | 1.7   | -1                                     |           |         |         |                       |         |        |             |              |             |                  |               |         | 69                                     | 69       | 94           | 161      |
| 72/ 21                | . 7 | 1.1        | 1 - 1 | 1                                      |           |         |         |                       |         |        |             |              | }           |                  | Ì             | - }     | 53                                     | 5 3      | 73           |          |
| 20/ 19                | 1.3 | 1.1        | • 5   |                                        |           |         |         | i                     |         |        |             |              |             | $\dashv$         |               |         | 49                                     | 49       | 64           | 161      |
| 13/ 17                | 1.0 | 1.2        | • 1   | 1                                      |           |         |         |                       |         |        |             | 1 1          | ł           | 1                | ł             | 1       | 39                                     | 39       | 58           | 116      |
| 15/ 15                | 1.1 | 1.3        | • 1   |                                        |           |         |         |                       |         |        |             | <b> </b> -   |             |                  |               |         | 44                                     | 44       | 39           | 97       |
| 14/ 13                | •6  | • 3        | 1     | }                                      |           | }       |         |                       |         |        |             | ) )          | }           | 1                | 1             | 1       | 16                                     | 16       | 31           | 66       |
| 17/11                 | .7  | . 2        |       |                                        |           |         |         |                       |         |        |             | <del></del>  |             |                  |               |         | 16                                     | 16       | 17           | 69       |
| 13/ 9                 | •8  | • 1        | 1     |                                        |           |         |         |                       |         |        |             | 1 1          | }           | 1                |               |         | 16                                     | 16       | 19           | 50       |
| 3/ 7                  | • 2 | .7         |       |                                        |           |         |         |                       |         |        |             |              |             | _+-              |               |         | 16                                     | 16       | 3            | 34       |
| 5/ 5                  | • 3 | • 2        | }     | 1                                      |           |         | }       |                       |         |        |             |              | 1           | ł                | 1             |         | 10                                     | 10       | 16           | 20       |
| 4/ 3                  | -1  | . 4        |       |                                        |           |         |         |                       |         |        |             | <b>├</b> ──┼ |             |                  |               |         | 9                                      | 9        | P            | 16       |
| 1                     | • 1 | • 2        | İ     | 1                                      |           |         |         |                       |         |        |             | } }          | }           | - 1              |               | }       | 5                                      | 5        | 6            | 1        |
| 7/-1                  |     | . 2<br>Σχ² |       | لـــــــــــــــــــــــــــــــــــــ | Σχ        | <u></u> | R       | $\sigma_{\mathbf{x}}$ |         | N . C  |             | 4            |             |                  | N-            | 4 14    | ith Tempera                            | <u>_</u> | 9            | 10       |
| Element (X)           |     | -x-        |       |                                        | <u>-x</u> |         |         | ×                     |         | No. Ob | ·s.         | ±0 F         | = 32        |                  | 67 F          | 273 F   | m rempero<br>≥80 F                     | 2.93     |              | Total    |
| Rel. Hum.<br>Dry Bulb |     |            |       |                                        |           |         |         |                       |         |        | <del></del> | 201          | - 32        | <del>-   -</del> | -             | -/3 +   | +                                      | + 3      | <del>'</del> | 10101    |
|                       |     |            |       |                                        |           | -+-     |         |                       |         |        |             |              | +           |                  |               |         | +                                      | +        |              |          |
| Wet Builb             |     |            |       |                                        |           | -+-     |         |                       | -+-     |        | <del></del> | <del></del>  | <del></del> |                  | <del></del> } |         | <del> </del>                           | +        |              |          |
| Dew Point             |     |            |       |                                        |           |         |         |                       |         |        |             |              |             |                  |               |         | ــــــــــــــــــــــــــــــــــــــ |          |              |          |

| Temp.          |      |                |       |             |               |             | WET BU | LB TEMPI     | RATURE   | DEPRES | SION (F)        |         |         |                                                  |              |          |          | TOTAL        |                                                  | TOTAL                                            |               |
|----------------|------|----------------|-------|-------------|---------------|-------------|--------|--------------|----------|--------|-----------------|---------|---------|--------------------------------------------------|--------------|----------|----------|--------------|--------------------------------------------------|--------------------------------------------------|---------------|
| ( <b>F</b> )   | 0    | 1 . 2          | 3 - 4 | 5 - 6       | 7 - 8         |             |        |              |          |        |                 | 21 - 22 | 23 - 24 | 25 - 26                                          | 27 - 28      | 29 - 30  | ≥31      | D.B./W.B.    | Dry Bulb                                         |                                                  | Dew Po        |
| 2/- 3          |      | . 3            |       |             |               |             |        | ]            |          |        |                 |         |         |                                                  |              |          |          | 6            | 6                                                | 5                                                | 1             |
| /- 5           |      | 1              |       |             |               |             |        |              | <u> </u> |        |                 |         |         | <b></b>                                          |              |          |          | 2            | 2                                                | 3                                                |               |
| /- 7           | • 1  | • 1            |       | l           |               |             |        | ļ            |          |        |                 | }       |         |                                                  |              | 1        |          | 2            | 2                                                | 2                                                | . 3           |
| 3/- 9          | ·    |                |       |             | <del>  </del> |             |        |              |          |        |                 |         |         | <del> </del> -                                   | ļ            |          |          | 1            | 1                                                | 2                                                | <del>' </del> |
| 7/-11          |      | . 1            | . (   | ļ           |               | ļ           |        | İ            |          |        |                 | , ,     |         |                                                  | }            | 1        |          | 1            | 1                                                | 1                                                |               |
| /-13           |      |                |       |             |               |             |        |              |          |        |                 |         |         |                                                  | <b> </b>     |          |          | <del> </del> |                                                  | +                                                | <del></del>   |
| 4/-15          |      | • 1            |       |             | 1             |             |        |              |          |        |                 |         |         |                                                  | \            | } }      |          | 1            | 1                                                | i .                                              | 1             |
| 5/-17<br>3/-19 |      | <del> </del>   |       |             |               |             |        |              |          |        |                 |         |         | <del> </del> -                                   | <del> </del> |          |          | <del> </del> |                                                  | <del>                                     </del> | +             |
| 0/-21          | '    |                |       |             |               |             |        |              |          |        |                 |         |         | }                                                | }            | }        |          |              | :<br> <br>                                       | 1                                                |               |
| 5/-27          |      |                |       |             | +             |             |        |              |          |        | <del></del>     |         |         |                                                  |              |          |          | <del> </del> | <u> </u>                                         |                                                  | +             |
|                | 12.5 | 21.4           | 23.4  | 15.8        | 12.1          | 9.5         | T.A    | 1.8          | 6        | • 6    | • 1             | ı       |         | 1 !                                              | (            | , ,      |          | )            | 1745                                             |                                                  | 174           |
|                |      |                | ·     |             | ~ • •         | ·· • ·      | 300    | • • ′        | - • •    |        | ••              | <b></b> |         | <del> </del>                                     |              | 1        |          | 1745         | 1.43                                             | 1745                                             |               |
|                |      |                |       | ļ           |               | 1           |        |              |          |        |                 |         |         | İ                                                |              |          |          | 1            |                                                  | * * * * * * * * * * * * * * * * * * * *          |               |
|                |      |                |       |             | +             |             |        |              |          |        |                 |         |         | <del></del>                                      |              |          |          |              |                                                  |                                                  | !             |
|                |      |                |       |             | -             | 1           |        | [            | :        |        |                 |         |         |                                                  |              |          |          | i            |                                                  |                                                  |               |
|                |      |                |       |             |               |             |        |              |          |        |                 |         |         | 1                                                |              |          |          | 1            |                                                  | <del>†</del>                                     |               |
|                |      |                |       |             |               |             |        |              |          |        |                 |         |         |                                                  |              |          |          |              | i                                                |                                                  |               |
|                |      |                |       |             |               |             |        |              |          |        |                 |         |         |                                                  |              |          |          |              |                                                  | 1                                                | ,             |
|                |      | . !            |       |             |               |             |        |              | !        |        |                 |         |         |                                                  |              |          |          |              |                                                  | 1                                                | i             |
|                |      |                |       |             |               |             |        |              |          |        |                 |         |         |                                                  |              |          |          |              |                                                  | *                                                | 1             |
|                |      |                |       |             |               |             |        |              |          |        |                 |         |         |                                                  |              | 1        |          | 1            | <u></u>                                          |                                                  | 1             |
| }              |      |                | )     | į           | )             |             |        | l j          |          |        |                 |         |         |                                                  |              | 1        |          |              |                                                  |                                                  |               |
|                |      |                |       |             |               |             |        |              |          |        |                 |         |         |                                                  |              |          |          |              |                                                  | <b></b>                                          | <u>.</u>      |
| Ì              |      | !              | 1     | i           | 1             |             |        |              |          |        |                 |         |         |                                                  |              | !        |          |              |                                                  |                                                  |               |
|                |      |                |       |             |               |             |        |              |          |        |                 |         |         |                                                  |              | LÌ       |          |              |                                                  |                                                  | i             |
| Ì              |      | 1              | j     | 1           | 1             |             |        |              |          |        |                 | i       |         |                                                  |              |          |          |              |                                                  | į                                                | ĺ             |
|                |      |                |       | <del></del> |               |             |        |              |          |        |                 |         |         |                                                  |              |          |          |              |                                                  | İ                                                | ļ             |
| Ì              |      | İ              | ĺ     | l           | l             | ļ           |        |              |          |        |                 | [       |         | ļ                                                |              |          |          | {            |                                                  |                                                  | 1             |
|                |      |                |       |             |               |             |        |              |          |        |                 |         |         |                                                  |              |          |          |              |                                                  | <del> </del>                                     | <del></del>   |
|                |      |                | ŀ     | {           | }             | ,           |        |              |          |        |                 |         |         | } }                                              |              |          |          | 1            |                                                  | 1                                                | 1             |
|                |      | <u></u>        |       |             |               |             |        |              |          |        |                 |         |         | <del>                                     </del> |              |          |          | L            |                                                  | <u> </u>                                         | ↓             |
| }              |      | ]              | }     | Ì           | 1             | )           |        |              |          |        |                 |         |         |                                                  |              |          |          |              |                                                  |                                                  |               |
| ement (X)      |      | $\Sigma_{X^2}$ |       | <u>_</u>    | ΣX            | <del></del> | X      | $\sigma_{x}$ | ٦-       | No. Ob | <del>,,</del> , |         |         | لـــــــــــــــــــــــــــــــــــــ           | Mean         | No. of H | ours wit | th Tempera   | lure                                             | <u> </u>                                         | <b></b> _     |
| tel. Hum.      |      |                | 5171  |             | 3861          | 6           |        | 18.0         | 12       | 170    |                 | 50 F    | -       | 32 F                                             | ≥ 67 (       |          | 73 F     | 280 €        | 293                                              |                                                  | Total         |
| Dry Bulb       |      |                | 6262  |             | 5 3 6 5 8     |             | 3.6    | 12.3         | 14       | 17     |                 | 8.      | 5 3     | 39.4                                             |              |          |          |              | 1                                                |                                                  | 744.          |
| Wet Bulb       |      |                | 3171  |             | 5"689         | 21          | • 0    |              |          | 170    |                 |         |         | 49.4                                             |              |          |          |              | 1                                                |                                                  | 744.          |
| Dew Point      |      |                | 5411  |             | 38217         |             | 1.9    | 8.9          |          | 174    |                 |         |         | 76.6                                             |              |          |          |              | <del>                                     </del> |                                                  | 744.          |

| 7.1.2<br>STATION | FALLIN, NV | 7 7 - 9 2 YEARS | E F F  |
|------------------|------------|-----------------|--------|
|                  |            |                 | PAGE 1 |

|             |      |                |       |          |          |        |              |                |         |          | _       |              |             |               |            |              |              |          | HOURS        | LST       |
|-------------|------|----------------|-------|----------|----------|--------|--------------|----------------|---------|----------|---------|--------------|-------------|---------------|------------|--------------|--------------|----------|--------------|-----------|
| Temp.       |      |                |       |          |          |        |              |                |         | DEPRESS  |         |              |             |               |            |              | TOTAL        |          | TOTAL        |           |
| (F)         | 0    | 1 - 2          | 3 - 4 | 5 - 6    | 7 - 8    | 9 - 10 | 11 - 12      | 13 - 14        | 15 - 16 | 17 - 18  | 19 - 20 | 21 - 22 2    | 23 - 24 25  | 5 - 26        | 27 - 28 29 | - 30 - 231   | D.B./W.B.    | Dry Bulb | Wet Bulb     | Dew Point |
| 73/ 77      |      |                |       | - '      |          |        | I            | 1              |         |          |         |              | • 1         |               |            | i            | 1            | 1        |              |           |
| 74/ 73      |      |                | }     |          | 1        |        |              | 1              |         | •1       | •1      | •1           |             |               |            |              | 4            |          |              |           |
| 727 71      |      |                |       |          |          | -      |              |                |         |          | • 1     |              | • 1         |               |            |              | 3            | 3        |              |           |
| 707 69      |      |                | 1     |          |          |        |              |                |         |          |         | •1           |             |               |            |              | 1            | 1        |              |           |
| 63/ 67      | -    |                |       |          |          |        |              |                |         | . 1      | • 2     |              |             |               |            |              | 4            | 4        |              |           |
| 66/ 65      |      |                |       | 1        | 1        |        |              |                | • 2     | .1       | • 3     | •1           |             |               |            |              | 11           | 11       |              | <br>      |
| 54/ 63      |      |                | 1     | İ        | }        | J      | • 1          | • 2            |         | . 5      | . 4     | •1           | Í           | l             | i          | }            | 22           | 5.5      |              |           |
| 62/ 61      |      |                |       | 1        | 1        | • 1    | -1           | . 4            | . 3     | . 8      | . 2     |              |             |               |            |              | 31           | 31       |              |           |
| 607 59      |      | ) }            | }     | j        | • 1      | -1)    | . 2          | • 2            | . 8     | -5       | • 1     |              |             |               | j          | 1            | 32           | 32       |              |           |
| 581 57      |      | 1              |       |          |          | • 2    | . 2          | . 3            | 1.1     | . 4      |         |              |             |               |            |              | 46           | 46       |              |           |
| 567 55      |      | 1 1            | j     | }        | • 2      | - 5    | . 7          | 1.3            | 1.2     | • 1      |         |              | i           |               | ì          | }            | 66           | 66       | 1            |           |
| 54/ 53      |      | 1              | 1     |          | . 2      | ٩      | 1.2          | 1.5            | .2      |          |         |              |             |               |            |              | 67           | 67       | 4            |           |
| 12/ 51      |      |                | 1     | • 2      | . 4      | 1.3    | 2.3          | 1.7            | • 2     | i        | í       |              | [           | - 1           | i          | l            | 102          | 102      | ٤            | ì         |
| 57/ 45      |      |                | • 1   | . 2      | . 7      | 2.1    | 2.7          | • 6            | •1      |          |         |              |             |               |            |              | 108          | 108      | 15           |           |
| 43/ 47      | :    | 1 1            | • 2   | • 5      | • 3      | 2.4    | 1.7          | • 2            |         |          | ļ       |              |             | 1             | 1          |              | 97           | 97       | 23           | 1         |
| 45/ 45      |      |                | . 2   | 1.7      | 1.0      | 2.9    | .5           |                |         | 1        |         |              |             |               |            |              | 108          | 108      | 5.3          |           |
| 44/ 43      |      | • 2            | • 1   | 1.4      | 2 . 3    | 1.7    | • 2          | i              |         | 1        |         |              | [           |               | 1          |              | 99           | 99       | 96           | 1         |
| 42/ 41      |      | -1             | ۰٥    | 2.3      | 2.4      | 1.2    | 1            |                |         |          |         |              |             |               |            |              | 116          | 116      | 133          | 2         |
| 43/ 39      |      | - 4            | • 9   | 2.6      | 2.2      | • 7    | 1            | ļ              |         |          |         | ! [          | ĺ           | i             | 1          | 1            | 111          | 111      | 161          | 15        |
| 33/ 37      |      | . 5            | 1.7   | 2.0      | 1.6      | .1     |              |                |         |          |         |              |             | $-\downarrow$ |            |              | 100          | 100      | 214          | 14        |
| 35/ 35      |      | .8             | 1.7   | 2.4      | 1.1      | •1     | 1            | ]              |         | }        | 1       |              | 1           | 1             |            | 1            | 102          | 102      | 1 = 3        | 5?        |
| 34/ 33      | • 1  | 1.1            | 2.2   | 1.7      | - 3      |        |              |                |         |          |         |              |             |               |            |              | 90           | 9 🖰      | 163          | 76        |
| 72/ 31      | • 1, | 1.1            | 2.5   | 1.3      | • 2      |        |              | ì              |         | ]        |         |              | į           | ĺ             |            | Í            | 87           | 87       | 144          | 87        |
| 39/ 29      |      | 1.0            | 2.0   | <u> </u> |          |        |              |                |         |          |         |              |             |               |            |              | 64           | 64       | 129          | 146       |
| 28/ 27      | . 1  | 1              | 1.3   | • 3      | !        | - }    | }            | }              |         | } }      | ļ       |              | - 1         | - 1           | 1          | - 1          | 51           | 51       | 91           | 160       |
| 26/ 25      |      | 1.0            | - 8   | 1        |          |        |              |                |         | <b> </b> |         |              |             |               |            |              | 32           | 35       | 79           | 192       |
| 24/ 23      | • 1  | 1.4            | • 9   | • 1      | }        | ļ      | )            | ì              |         | ] }      |         |              | ĺ           | 1             | ļ          |              | 38           | 38       | 54           | 199       |
| 72/ 21      | • 1  | 1.1            | - 5   | _ • 1    |          |        |              |                |         | <b></b>  |         |              |             | +             |            |              | 30           | 30       | 45           | 174       |
| 20/ 19      | • 2  |                | • 2   | }        | -        | }      | 1            | )              |         | 1 1      | }       |              | 1           |               | į          | Ì            | 20           | 20       | 29           | 178       |
| 13/ 17      | 1    | - 4            |       |          |          |        |              |                |         | <b>├</b> |         |              |             |               |            | <del></del>  | 8            | 8        | 20           | 137       |
| 16/ 15      | • 1  | • 2            | • 1   | 1        | ì        | }      | - }          | j              |         |          | 1       |              | {           | 1             | 1          | 1            | 6            | 6        | 11           | 94        |
| 14/ 13      | • 1  | • 1            |       |          |          |        |              |                |         | <b>├</b> |         | <del> </del> |             |               |            | <del></del>  | 2            | 5        |              | 40        |
| 12/ 11      | • 1  | • 1            | ļ     | }        |          |        |              |                |         |          | 1       |              | {           |               | {          | İ            | 4            | •        | 3            | 31        |
| 17/ 9       |      | $\Sigma_{X^2}$ |       |          | <u> </u> | لـــــ | <del>-</del> |                |         | No. Ob   | لهـــــ |              |             |               | Mana N-    | of Hours w   | th Towar     |          | 2            | 20        |
| Element (X) |      | ~x-            |       |          | Σx       |        | X            | σ <sub>x</sub> | -+-     | NO. UB   | •       |              | = 32        |               | 267 F      | ≥73 F        | m rempere    | ≥ 93     |              | Total     |
| Rel. Hum.   |      |                |       |          |          | +-     |              |                |         |          |         | ≤0 F         | - 32        |               | -9/ 1      | -/3 P        | -80 F        | = 73     | <del>-</del> | 19191     |
| Dry Bulb    |      |                |       |          |          |        | }            |                |         |          |         |              | <del></del> | +             |            | <del></del>  | <del> </del> | +        |              |           |
| Wet Bulb    |      |                |       |          |          | -+-    | }            |                |         |          |         |              |             |               |            | <del> </del> | <del> </del> | +        |              |           |
| Dew Point   |      |                |       |          |          |        |              |                |         |          |         |              |             |               |            |              | <del></del>  |          |              |           |

|             |                  |       |      | 1              |          |      |        |          |               |           |       |       |
|-------------|------------------|-------|------|----------------|----------|------|--------|----------|---------------|-----------|-------|-------|
| Element (X) | $\Sigma_{X}^{2}$ | Σχ    | X    | σ <sub>x</sub> | No. Obs. |      |        | Mean No. | of Hours with | Temperaty | 70    |       |
| Rel. Hum.   | 4999766          | 86080 | 51.7 | 18.132         | 1664     | ±0 F | ≤ 32 F | ≐67 F    | ≐73 F         | ≥ 80 F    | ≥93 F | Total |
| Dry Bulb    | 3138225          | 69875 | 42.0 | 11.076         | 1664     |      | 138.5  | 5.3      | 2.0           |           |       | 672.0 |
| Wet Bulb    | 2051202          | 57140 | 34.3 | 7.31A          | 1664     | , 4  | 247.2  |          |               |           |       | 672.0 |
| Dew Point   | 1010444          | 39432 | 23.7 | 6.761          | 1669     |      | 604.6  |          |               |           |       | 672.0 |

VEASERVCOM

97102 FALLUN NV STATION NAME

|     | 93172   | FALLON, NV   |                                | 73-82                                     |                             |           | мдо                         |
|-----|---------|--------------|--------------------------------|-------------------------------------------|-----------------------------|-----------|-----------------------------|
|     | STATION |              | STATION NAME                   |                                           | YEARS                       |           | MONTH                       |
|     |         |              |                                |                                           |                             |           | FAGE 1                      |
| ſ   | Temp.   |              | WET BULB TEMP                  | ERATURE DEPRESSION (F)                    |                             | TOTAL     | TOTAL                       |
| - 1 | (F)     | 0 1.2 3.4 5. | 6 7 - 8 9 - 10 11 - 12 13 - 14 | 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 2 | 25 - 26 27 - 28 29 - 30 231 | D.B./W.B. | Dry Bulb Wet Bulb Dew Point |

|             |     |                   |               |       |          |        |              |                 |         |            |          |              |             |                                                  |                                                  |               |            |            | HOURS    | (LST)       |
|-------------|-----|-------------------|---------------|-------|----------|--------|--------------|-----------------|---------|------------|----------|--------------|-------------|--------------------------------------------------|--------------------------------------------------|---------------|------------|------------|----------|-------------|
| Temp.       |     |                   |               |       |          |        |              | LB TEMPI        |         |            |          |              |             |                                                  |                                                  |               | TOTAL      |            | TOTAL    |             |
| (F)         | 0   | 1 - 2             | 3 - 4         | 5 - 6 | 7 - 8    | 9 - 10 | 11 - 12      | 13 - 14         | 15 - 16 | 17 - 18    | 19 - 20  | 21 - 22      | 23 - 24     | 25 - 26                                          | 27 - 28 2                                        | 9 - 30 ≥ 31   | D.8./W.8.  | Dry Bulb   | Wet Buib | Dew Point   |
| 76/ 77      |     |                   |               |       |          |        |              |                 |         |            |          |              |             | • 1                                              |                                                  |               | 1          | 1          | ĺ        |             |
| 76/ 75      |     |                   |               |       |          |        |              |                 |         |            |          |              | • 1         | • 2                                              |                                                  |               | 4          | 4          |          |             |
| 74/ 73      |     |                   |               |       |          |        |              |                 |         |            |          | • 1          | . 2         |                                                  |                                                  |               | 5          | 5          |          |             |
| 72/ 71      |     |                   |               |       |          |        |              |                 |         |            | • 2      | . 4          | .1          |                                                  |                                                  |               | 13         | 13         | <u> </u> | i           |
| 707 69      |     |                   |               |       | :        |        |              |                 |         | • 1        | • 2      | • 3          | • 1         |                                                  |                                                  |               | 12         | 12         |          |             |
| 58/ 67      |     |                   |               |       |          |        |              |                 | . 1     | .2         | • 5      | . 4          | •1          |                                                  |                                                  |               | 23         | 23         |          | <u>i</u>    |
| 567 65      |     |                   |               |       |          |        |              | - 1             | • 2     | . 5        | - 8      | . 4          |             |                                                  |                                                  |               | 36         | 36         |          |             |
| 64/ 63      |     |                   |               |       |          |        |              | . 1             | . 7     | . 9        | . 9      | .1           |             |                                                  |                                                  |               | 50         | 5 <u>0</u> |          |             |
| 527 61      |     |                   |               | _     |          |        | • 2          | • 2             | 1.4     | 1.3        | • 5      | • 1          |             |                                                  |                                                  |               | 65         | 65         |          |             |
| £07 59      |     |                   |               |       |          |        | • 2          | . 8             | 1.7     | . 9        | . 3      |              |             |                                                  |                                                  |               | 74         | 74         | ļ        | <u> </u>    |
| 54/ 57      |     |                   |               | 1     | 1        | • 7    | . 4          | 1.5             | 1.2     | . 4        | • 1      | 1            |             |                                                  |                                                  | }             | 70         | 70         | l        |             |
| 56/ 55      |     |                   |               | • 1   | . 2      | • 5    | . 6          | 2.1             | 1.4     | • 2        |          |              |             |                                                  |                                                  |               | 92         | 52         | <u></u>  |             |
| 54/ 53      |     |                   |               | • 1   | . 4      | 1.0    | 1.5          | 2.4             | 1.1     | • 1        |          |              |             |                                                  |                                                  |               | 120        | 120        | į        | :           |
| F2/ 51      |     | -1                | 1             | . 3   | _ 5      | 1.1    | 2.0          | 1.9             | . 4     | .1         |          |              |             |                                                  |                                                  |               | 115        | 115        | 18       | <u> </u>    |
| 507 49      |     |                   | l             | • 5   | • 9      | 1.7    | 1.8          | 1.3             | • 2     |            | ŀ        |              |             |                                                  |                                                  |               | 118        | 118        | 33       | 1           |
| 48/ 47      |     |                   | • 5           | . 5   | _ • ?    | 1.9    | 1.9          | ٩٠              | ,1      |            |          |              |             |                                                  |                                                  |               | 122        | 122        | 64       | <del></del> |
| 45/ 45      |     | - 1               | .6            | 1.0   | 2.0      | 1.6    | 1.8          | . 4             |         |            |          |              |             |                                                  |                                                  | l             | 137        | 137        | 121      | 3           |
| 44/ 43      |     | • 2               | . 4           | 1.1   | 1.9      | 2.7    | . 8          | • 1             |         |            |          |              |             |                                                  |                                                  |               | 120        | 120        | 183      | 3           |
| 42/ 41      |     | • 2               | . 4           | 1.6   | 1.6      | 1.5    | .7           | - 1             |         |            |          |              |             | }                                                |                                                  | ļ             | 113        | 113        | 178      |             |
| 43/ 39      |     | • 2               | 1.0           | 1.3   | 1.6      | 1.2    | • 3          |                 |         |            |          |              |             |                                                  |                                                  |               | 113        | 113        | 207      |             |
| 32/ 37      | • 1 |                   | 1.5           | 1.7   | 1.2      | • 3    | • 1          |                 |         |            |          |              |             |                                                  |                                                  |               | 92         | 92         | 186      | 35          |
| 35/ 35      | • 1 | • 2               | 1.5           | 1.9   | 1.4      | • 5    |              |                 |         | ļ <u> </u> |          |              |             |                                                  |                                                  |               | 103        | 103        | 193      | 41          |
| 34/ 33      | • 3 |                   | 1.5           |       | • 5      | •2     |              |                 |         |            |          |              |             |                                                  |                                                  |               | 76         | 76         | 179      | 63          |
| 72/ 31      | • 2 |                   | 1.7           | 1.0   | • 3      |        |              |                 |         |            |          |              |             |                                                  |                                                  |               | 65         | 65         | 150      | 106         |
| 30/ 29      | • 1 | 1 1               | 1.0           | • 5   | į        |        |              |                 |         | 1          | (        | 1            |             |                                                  |                                                  |               | 33         | 33         | 135      | 161         |
| 28/ 27      | - 1 |                   | • 6           | • 2   |          |        |              |                 |         | L          |          | <b></b>      |             |                                                  |                                                  |               | 28         | 28         | 75       | 199         |
| 767 25      | • 1 | 1                 | . 4           | • 1   |          |        |              |                 |         |            |          |              |             |                                                  |                                                  |               | 13         | 13         | 61       | 191         |
| 24/ 23      |     | .4                | _ 3           |       |          |        |              |                 |         |            | <b></b>  | <u> </u>     |             | -                                                |                                                  |               | 12         | 13         | 25       | 174         |
| 22/ 21      | • 1 |                   | • 1           |       |          |        |              |                 |         |            |          |              |             |                                                  |                                                  |               | 4          | 4          | 16       | 187         |
| 27/ 19      | 1   | +                 |               |       |          |        |              | L               | L       |            |          | <del> </del> |             | <del>                                     </del> | <b></b>                                          |               | 2          | 2          | 7        | 185         |
| 13/ 17      | • 1 | 1                 |               | .     |          |        |              |                 |         |            |          |              |             |                                                  |                                                  |               | 2          | 2          | 1        | 134         |
| 15/ 15      |     | • 1               |               |       |          |        |              |                 | ļ       |            |          |              |             |                                                  | <del>                                     </del> |               | 1          | 1          | 2        | 105         |
| 14/ 13      |     |                   |               |       | }        |        |              |                 |         |            |          |              |             |                                                  |                                                  |               | ] ,        | ļ          | ļ        | 65          |
| 12/11       |     | \                 |               | l     | <u> </u> |        | <del>-</del> |                 |         |            | <u> </u> |              |             | L                                                | Mann N                                           | o. of Hours w | ish Vanana | L          | L        | 47          |
| Element (X) |     | $\Sigma_{\chi^2}$ |               |       | Σχ       | +      | <u> </u>     | $\sigma_{\chi}$ |         | No. Ol     | 25.      | ±0 F         | ٦.          | 32 F                                             | 267 F                                            | e. or Hours w | m lempero  | ±93        |          | Total       |
| Rel. Hum.   |     |                   |               |       |          | +      |              |                 | +       |            | +        | 2 U P        | <del></del> | - 34 F                                           | -0/ F                                            | -/31          |            | - +        | -        | 10101       |
| Dry Butb    |     |                   | <del></del> - |       |          |        |              |                 |         |            |          |              | -+          |                                                  |                                                  | +             | +          | +          | +-       |             |
| Wet Bulb    |     |                   |               |       |          |        |              |                 |         |            |          |              | _+-         |                                                  |                                                  | +             | +          | +          | -+-      |             |
| Dew Point   |     |                   |               |       |          |        |              | L               |         |            |          |              |             |                                                  |                                                  | _1            |            |            |          |             |

| STATION                |     |                  |       | •       | TATION HAI       |        |              |                |         |              |                |              |              |                  | YEARS                                            |              |             |                    |                | PACE        |             |
|------------------------|-----|------------------|-------|---------|------------------|--------|--------------|----------------|---------|--------------|----------------|--------------|--------------|------------------|--------------------------------------------------|--------------|-------------|--------------------|----------------|-------------|-------------|
|                        |     |                  |       |         |                  |        |              |                |         |              |                |              |              |                  |                                                  |              |             |                    |                | HOURS       | ते इन 🎨     |
| Temp,<br>(F)           |     |                  |       | -       | <del>-</del> - T |        |              | LB TEMPI       |         |              |                |              | 100 0        | Лат .            |                                                  |              |             | TOTAL<br>D.B. W.B. | <u> </u>       | TOTAL       | <del></del> |
|                        | 0   | 1 - 2            | 3 - 4 | 5 - 6   | 7 - 8            | 9 - 10 | 11 - 12      | 13 - 14        | 15 - 16 | 17 - 18      | 19 - 20        | 21 - 22      | 23 - 24      | 25 - 2           | 6 27                                             | - 28 29      | 30: 231     | D.B.: W.B.         | Dry Bulb       | Wet Bulb    | <del></del> |
| 1 / 9                  |     |                  |       |         |                  |        |              |                |         |              |                | i            |              |                  | 1                                                |              | 1           |                    | 1              |             | 33          |
| 5/ 5                   |     |                  |       |         |                  |        | <del> </del> | <del> </del>   |         | <del> </del> | <del> </del>   | <del> </del> | <del> </del> | +                | +                                                | +            |             | <del></del>        | <del></del>    | <del></del> | . 21        |
| 4/ 3                   |     |                  |       | 1       | }                |        |              |                |         | 1            | 1              |              |              |                  |                                                  |              | 1           |                    | 1              | 1           | 7           |
| 2/ 1                   |     |                  |       |         |                  |        |              |                |         | <del> </del> |                |              | <b>†</b>     | +                | +                                                |              |             | -+                 |                | +           |             |
| 1-1                    |     |                  |       |         |                  |        |              | 1              |         | Ì            |                |              |              |                  |                                                  |              |             |                    | i              | 1           | 1           |
| 7-1                    | • 9 | 4.0              | 11.6  | 13.2    | 1 7 . 2          | 4 . C  | 12.2         | 11.7           | 8.6     | 4.7          | 3.5            | 1.7          | . 5          |                  | 2                                                |              |             |                    | 1635           |             | 1834        |
|                        |     |                  |       |         |                  |        |              |                |         |              |                |              |              |                  |                                                  |              |             | 1834               | !<br>•—-——     | 1334        | +           |
| 1                      |     |                  |       |         |                  |        |              |                |         |              | i              |              |              | 1                | i                                                |              | 1           |                    |                |             |             |
|                        |     |                  |       |         |                  |        |              |                |         |              | -              | <del></del>  |              | <del></del>      | +-                                               |              | <del></del> | <u> </u>           |                |             | ·           |
| 1                      |     |                  |       |         |                  |        |              |                |         | i            | 1              | i            | i            | 1                |                                                  | ĺ            |             |                    |                |             |             |
|                        |     |                  |       |         |                  |        | ļ            |                |         | <u> </u>     | <u> </u>       |              | <del></del>  | +                | +-                                               |              |             | +                  | <del>!</del>   |             | +           |
| 1                      |     |                  |       |         | ļ                |        |              | !              |         | į            |                | i            | i            | 1                |                                                  |              | i           |                    | <u>;</u>       | :           |             |
|                        |     |                  |       |         | +                |        |              | -              |         | <del></del>  | +              |              |              | <del>  -</del> - | +-                                               |              |             | +                  |                | •           | • • • •     |
| !                      |     |                  |       |         | 1                |        | i            |                |         |              |                |              |              | 1                | 1                                                | 1            | ļ           |                    | 1              |             |             |
|                        |     |                  |       |         |                  |        |              |                |         |              | 1              | ·            | •            | -                |                                                  |              |             | <u> </u>           | +              |             | <b>-</b>    |
|                        |     |                  |       |         |                  |        | ì            |                |         |              |                |              |              | 1                | 1                                                | . 1          | :           | !                  |                |             |             |
| ,                      |     |                  |       | i       |                  |        | 1            |                |         |              | 1              |              | İ            | ;                |                                                  |              | 1           |                    | i              |             |             |
|                        |     |                  |       |         |                  |        | ;<br>        | ļ              |         | !<br>+       | <u> </u>       |              |              | 1                | - <del>-</del> -                                 |              |             |                    |                |             |             |
| - 1                    |     |                  |       |         |                  |        |              |                |         |              |                | 1            |              |                  |                                                  |              |             |                    |                |             |             |
|                        |     |                  |       |         |                  |        | <del> </del> |                |         | +            | <del></del>    | <del>:</del> | <del> </del> |                  | +                                                |              |             |                    | <del>-</del> - | •           |             |
|                        |     |                  |       |         |                  |        |              | 1 :            |         |              | 1              | -            |              |                  |                                                  |              |             |                    |                |             |             |
| · - · - <del>-  </del> |     |                  |       |         |                  |        | ·            |                |         | <del> </del> | <del>-</del>   |              | <del> </del> | <del> </del>     | <del>-                                    </del> |              |             |                    | <del></del>    | •           |             |
|                        |     |                  |       |         | İ                |        |              | ! !            |         | 1            | 1              |              |              | !                | į                                                |              | 1           | :                  |                |             |             |
|                        |     |                  |       |         |                  |        |              |                |         | <del></del>  | 1              |              | <del> </del> | †                | +-                                               | <del></del>  |             | +                  |                | • • •       | • -         |
| i                      |     |                  |       |         |                  | _      |              | i .            |         |              | 1              | 1            |              | Ĺ                | 1                                                | 1            | .1          | 1                  |                |             | _           |
|                        |     |                  |       |         |                  |        |              |                |         |              |                | -            |              |                  |                                                  | i            |             |                    |                |             |             |
|                        |     |                  |       |         |                  |        |              |                |         | ļ            | ļ              |              | <u> </u>     |                  | $\perp$                                          |              |             | <del></del>        | <del> </del>   |             |             |
| ļ                      |     |                  |       |         | -                |        |              |                |         | -            |                | -            | 1            | -                | 1                                                |              |             | ļ                  |                |             | 1           |
|                        |     |                  |       |         |                  |        |              |                |         | <u> </u>     | <del> </del> - |              | <del>!</del> | ļ                |                                                  | <del>i</del> |             | <u> </u>           | L              | •           | +           |
| į                      |     |                  |       |         | İ                |        |              |                |         | İ            |                | 1            | 1            | İ                | -                                                |              | Į.          |                    |                |             |             |
| Element (X)            |     | $\Sigma_{X}^{2}$ |       | اـــــا | ΣX               | 7      | X            | σ <sub>x</sub> | -       | No. O        | he.            | <u> </u>     |              | ل                | <u>ــــــــــــــــــــــــــــــــــــ</u>      | ean Ne       | of Hours    | vith Tempera       | ture           | <del></del> | ·           |
| Rel. Hum.              |     |                  | 1430  |         | 81132            | 4      |              | 10.4           | 25      |              | 34             | : O F        |              | = 32 F           | _                                                | 67 F         | 273 F       | ≥80 F              | ≥ 93           | F           | Total       |
| Dry Bulb               |     |                  | 5756  |         | 35970            |        |              | 19.6           |         |              | 35             |              |              | 65.              |                                                  | 23.5         | 4 .         |                    |                |             | 744.0       |
| Wet Bulb               | _   |                  | 1208  |         | 57978            |        | 7.7          | 6.5            |         | 18           | 34             |              |              | 91.              |                                                  |              |             |                    |                |             | 744.0       |
| Dew Point              |     |                  | 4083  |         | 1381             |        | 3.9          | 7.2            |         | 1 2          | 34             |              |              | 58.              |                                                  |              |             |                    | <b>—</b>       |             | 744.0       |

| 71.2                  | FA           | LLON            | , N/  |       |            |             |          |          |              | 73           | - s.'        |              |                                                  |          |             |              |                   |              |               | AP          |           |
|-----------------------|--------------|-----------------|-------|-------|------------|-------------|----------|----------|--------------|--------------|--------------|--------------|--------------------------------------------------|----------|-------------|--------------|-------------------|--------------|---------------|-------------|-----------|
| STATION               |              |                 |       | 5     | TATION HAS | 16          |          |          |              |              |              |              |                                                  | Y        | EARS        |              |                   |              |               | WO          |           |
|                       |              |                 |       |       |            |             |          |          |              |              |              |              |                                                  |          |             |              |                   |              | t<br>-        | PAGE        |           |
|                       |              |                 |       |       |            |             |          |          |              |              |              |              |                                                  |          |             |              |                   | <del></del>  | <del></del>   |             | ILST 1    |
| Temp                  |              |                 |       |       |            |             |          |          |              | DEPRES       |              | ,            | <del></del>                                      |          |             | ,            | ,                 | TOTAL        | <u> </u>      | TOTAL       |           |
| (F)                   | 0            | 1 - 2           | 3 · 4 | 5 · 6 | 7 - 8      | 9 - 10      | 11 - 12  | 13 - 14  | 15 - 16      | 17 . 18      | 19 - 20      | 21 - 22      | 23 - 24                                          | 25 26    | 27 - 28     |              |                   |              | Dry Bulb      | Wet Bulb    | Dew Point |
| c)/ 31                | ì            |                 |       |       | }          |             |          |          |              | 1            | L.           | !            | ļ                                                |          |             | • 1          |                   | 1            | 1             |             |           |
| 7 / 99                |              |                 |       |       | ·          |             |          |          |              | <del> </del> | <del></del>  | <del> </del> |                                                  |          | • 1         | }            |                   | 1            | 1             | ļ           |           |
| 47 57                 |              |                 |       |       |            |             |          |          | }            | Ì            | }            |              | {                                                | 1        | • 1         | 1 .          |                   | 1            | 1             | }           | 1         |
| 3/ 85                 |              |                 |       |       |            |             |          |          | <del> </del> | <del> </del> | <del> </del> |              | <del>                                     </del> | -        |             | !            | • 1               | 3            | <del></del> + |             |           |
| 147 93                |              |                 |       |       | :          |             | İ        |          |              |              |              |              | • 1                                              | • 1      | • 1         |              |                   | 6            | 6<br>13       |             |           |
| - / 91                |              |                 |       |       |            |             |          | <u> </u> | <del> </del> | <del> </del> | <del> </del> | <b></b>      | 3                                                | .2       | .4          | • 3          |                   | 13           | 16            |             |           |
| 7:/ 77                | İ            |                 |       |       | }          |             |          |          |              | 1            | }            | • 1          | • 2                                              |          | 1 _         | • •          |                   | 71           | 21            |             |           |
| 75/ 75                |              |                 |       |       |            |             |          |          |              | <del> </del> |              | •2           | •5                                               | • 3      | • 3         | <del> </del> |                   | 27           | 27            |             |           |
| 74/ 73                | }            |                 |       | ' i   | ' {        |             |          |          |              |              | • 2          | • 5          | 1.1                                              | • 6      | • •         | }            | }                 | 42           | 42            |             |           |
| 77/ 71                |              |                 |       |       |            |             |          |          |              | • 2          |              | .7           |                                                  | •2       | }           | <del> </del> |                   | 43           | 43            |             |           |
| 7 / 69                | }            |                 |       |       |            |             |          | . 1      | • 2          | 1 .          | l            | 1.8          | .8                                               | .1       | }           |              | 1                 | 70           | 70            |             |           |
| 6-1 67                |              |                 | ~~~   |       |            |             |          | . ?      | . 2          |              | 1.5          |              | • 1                                              | -        |             | <del> </del> | <del> </del>      | 63           | 63            | 1           |           |
| 6/ 65                 | ĺ            |                 |       | i )   |            |             |          | . 1      | . 3          | 1            | 1            |              | ••                                               |          |             | 1            | 1                 | 76           | 76            |             |           |
| 1.4/ 63               | <del>-</del> |                 |       |       |            | • 1         | . 1      | . 3      | ,            |              |              | • 2          |                                                  |          |             | 1            |                   | 89           | 89            |             |           |
| 17/61                 | :            |                 |       |       | - 1        | • •         | . 2      | . 1      |              |              |              | .1           |                                                  |          |             | 1            | }                 | 89           | 89            | 2           |           |
| 1-1 59                |              |                 |       |       | • 1        | .7          | . 3      |          |              |              | +            |              |                                                  |          |             | †            |                   | 103          | 103           | 3           |           |
| F-/ 57                |              | !               |       |       | . 1        | . 2         | . 6      | 1.3      |              | 1.5          | - 1          |              |                                                  | 1        |             | ì            |                   | 98           | 98            | 2           |           |
| 567 55                |              |                 |       | • 1   | • 3        | . 4         | • 5      | 1.0      | 1.7          | . 6          | • 1          |              |                                                  |          |             |              |                   | 103          | 103           | 15          |           |
| (47, 53)              |              | ا <b>1 م</b> ال | . 1   | • 1   | . 3        | . 5         | 1.6      | 2.2      | 1.4          | .1           |              |              | _                                                |          |             |              |                   | 114          | 114           | 49          |           |
| 52/ 51                |              |                 |       | • 2   | • 9        | 1.1         | 1.9      | 2 . 4    | • ?          |              |              |              |                                                  |          |             |              |                   | 132          | 132           | 62          | 1         |
| 50/ 49                |              | • 1             |       | . 5   | 1.7        | 1.6         | 1.7      | 1.4      | . 3          | Ĺ            |              | <u> </u>     |                                                  | í<br>+   |             |              |                   | 118          | 118           | 112         | 1         |
| 41/ 47                | ,            | ' )             | • 3   | • 5   | . 9        | 1.2         | 1.5      | 1.1      |              | }            | j            | i            | ļ<br>,                                           | }        | }           | }            |                   | 39           | 99            | 1 7 2       |           |
| 41,/ 45               | أب           |                 | . 3   | . 7   | 1.1        | 2.          | ٩٠       | • 3      |              | 1            |              |              | i                                                |          | )<br>       |              |                   | 95           | 95            | 186         | 3         |
| 44/ 43                | ļ            | • 2             |       | • 5   |            | 1.5         | 1.0      |          |              |              | 1            |              | 1                                                |          |             | }            |                   | 83           | 83            | 192         | : 1       |
| 42/ 41                |              | • 1             | • ?   | . 9   |            | 1.2         | . 3      |          |              | <b></b>      |              |              |                                                  | ļ        |             |              | ¦<br>∔ <b>~~~</b> | 63           | 63            |             |           |
| 43/ 37                | • 1          |                 | • 7   | 1.4   | 1.2        | • 5         | • 1      |          |              |              |              |              | i                                                |          |             |              | į                 | 72           | 72            | 202         | 44        |
| 3./ 37                | - 1          | • 3             | . 5   | • 6   | • 7        |             |          |          |              | ļ            |              |              | <b> </b>                                         | <b> </b> |             |              |                   | 30           | 39            | 178         |           |
| 36/ 35                | - 1          |                 |       |       | . 4        | • 1         |          |          |              | }            |              |              | 1                                                | ļ        |             | 1            |                   | 4.8          | 40            | 143         |           |
| 34/ 33                | <del></del>  | • 5             | • 2   | • 5   | • 1        |             |          |          |              |              |              |              |                                                  |          |             |              |                   | 23           | 23            | 124         | 8.7       |
| 32/ 31                | - 1          |                 | - 1   | • 1   | 1          |             |          |          |              |              | }            |              |                                                  |          |             | 1            | 1                 | 11           | 11            | â #         | 105       |
| 7.1 26                | • 1          |                 |       |       | <b></b>    |             |          |          |              | ļ            |              |              | <del> </del>                                     | ļ        | <b></b> -   |              |                   | 6            | 6             | 39          | 193       |
| 21/ 27                | 1            | • 1             | • 1   |       |            |             |          |          | }            |              |              |              | 1                                                | 1        |             |              |                   | 3            | 3             | •           | 177       |
| 76/ 25<br>Element (X) | <u></u>      | $\Sigma_{X^2}$  | ·     |       | Ex         | <del></del> | X        | σx       | <del></del>  | No. O        | <del></del>  | <u></u>      |                                                  | <u> </u> | Mare        | No of t      | dours             | th Tempera   | للحسيا        | <u> </u>    | 199       |
| Rel. Hum.             |              | ~X              |       |       | - X        |             | <u> </u> |          |              | 140. 01      | 78.          | ± 0 F        |                                                  | 32 F     | ≥ 67        |              | 73 F              | m tempero    | ≥93 1         |             | Total     |
| Dry Bulb              |              |                 |       |       |            |             |          |          |              |              |              |              |                                                  | 7 7 1    | - 0/        |              | - / 3 [           |              |               |             |           |
| Wet Bulb              |              |                 |       | L     |            | -+          |          |          | -            |              |              |              |                                                  |          | <del></del> |              |                   | <del>}</del> | +             | <del></del> |           |
| 440 0010              |              |                 |       | L     |            |             |          |          |              |              |              |              |                                                  |          |             |              |                   | <u> </u>     |               |             |           |

| STATION      | <u> F</u> | ILLUN             | <u>, NV</u> |       | STATION HAM                                      |             |                |                |             | 73-0      | "—          |                  |               | 'EARS                                 |              |                   |                               | HTHOM                 |
|--------------|-----------|-------------------|-------------|-------|--------------------------------------------------|-------------|----------------|----------------|-------------|-----------|-------------|------------------|---------------|---------------------------------------|--------------|-------------------|-------------------------------|-----------------------|
| JIAITUN      |           |                   |             | •     |                                                  | •           |                |                |             |           |             |                  | `             | LARS                                  |              |                   | <u> </u>                      | MONTH                 |
|              |           |                   |             |       |                                                  |             |                |                |             |           |             |                  |               |                                       |              |                   |                               | <del></del>           |
| Temp.<br>(f) | 0         | 1 - 2             | 3 - 4       | 5 - 6 | 7 . R                                            |             |                |                |             | DEPRESSIO |             | . 22 23          | . 24. 25 . 24 | 27 . 20                               | 29 - 30 = 3  | TOTAL<br>D.B. W.B | F7                            | TOTAL<br>(et Bulb Dew |
| 4/ 23        |           | +                 | -           |       | ++                                               |             |                |                | J - 10      | , ,,      |             |                  | 20            | 27 - 26                               | 27-30 -3     | +                 |                               | 1 1                   |
| 2/ 21        |           |                   | }           |       | . !                                              | į           | į              | 1              |             |           |             |                  |               |                                       | 1            | :                 |                               |                       |
| ~/ 19        |           |                   |             | <br>  |                                                  |             |                |                |             |           | <del></del> |                  |               |                                       |              |                   |                               | 1                     |
| 3/ 17        |           | L                 |             | !<br> |                                                  |             |                | ·              |             | ·         |             |                  |               |                                       | !            |                   |                               | i                     |
| 5/ 15        |           |                   |             |       | 1                                                | i           |                |                |             |           |             |                  |               | : (                                   |              |                   |                               |                       |
| 4/ 13        |           |                   |             |       | +                                                |             |                |                |             |           |             |                  |               | +                                     | · · ·        |                   |                               |                       |
| 2/ 11        |           |                   |             |       |                                                  | )           | i              |                |             |           |             | 1                | ì             | 1                                     | 1            |                   |                               |                       |
| 3/ 9         |           | +                 |             |       | <del> </del>                                     | <del></del> |                | <del> </del>   |             |           | -           |                  | <del></del>   | <del></del> -                         |              |                   |                               |                       |
| 6/ 5         |           | į į               |             |       |                                                  | 1           | ļ              | !              |             |           |             |                  |               | 1                                     |              |                   |                               |                       |
| 4/ 3:        |           |                   |             |       |                                                  |             |                | -              | -+          |           |             |                  |               | <del></del>                           |              |                   | <b>→</b> · · · · · <b>→</b> · |                       |
| TAL          |           | 2.1               | 4.2         | 7.1   | 9.21                                             | 0.810       | 3.6            | 12.01          | 7.8         | 9.5 7     | 9.6         | .2 4             | 9 و 1 ز و     | 1.5                                   | .5_          | 2                 | 1772.                         | . 17                  |
|              |           |                   |             |       | 1                                                |             | Ī              |                |             |           |             |                  |               | 1                                     |              | 1772              | 1                             | 772                   |
|              |           | <b></b> -         |             |       |                                                  |             |                |                |             |           |             |                  |               |                                       |              |                   |                               |                       |
| !            |           | 1                 | !           |       |                                                  | 1           | - 1            | :              |             |           |             |                  |               |                                       |              |                   |                               |                       |
| +            |           | <del> </del>      |             |       | +                                                |             |                |                |             |           |             |                  | • •           | •                                     |              | ·                 | <del></del>                   | •                     |
|              |           | 1                 |             |       | 1                                                |             | 1              | 1              |             |           |             |                  |               |                                       |              |                   |                               |                       |
|              |           |                   |             |       | <del>                                     </del> |             |                |                | •           |           |             |                  | - +           | · · · · · · · · · · · · · · · · · · · |              |                   | • • -                         | - · •                 |
|              |           | 1                 |             |       |                                                  |             |                | Li             |             |           |             |                  |               |                                       |              |                   |                               |                       |
| į            |           |                   |             |       |                                                  |             | i              |                |             |           |             |                  |               |                                       | •            | , -               |                               |                       |
|              |           | ·                 |             |       | <del>}</del>                                     |             |                | <u> </u>       | •           |           |             |                  |               | <del></del>                           |              |                   |                               |                       |
|              |           | ı                 |             |       |                                                  | 1           | ì              |                |             |           |             |                  | -             | ļ.,                                   |              |                   |                               |                       |
| · · ÷        |           | <del></del>       |             |       |                                                  |             |                |                |             |           |             |                  |               | <del>}</del>                          |              | - 4               | ••                            |                       |
| 1            |           |                   |             |       | i İ.                                             |             | i              | -<br> -        |             |           |             | ř                | !             |                                       |              |                   |                               |                       |
|              |           | 1                 |             |       | •                                                |             |                |                |             |           |             | - <del>- i</del> |               | <del></del>                           |              | •                 |                               | •                     |
|              |           |                   |             |       | ii                                               |             | į              |                | - (         |           | į           |                  | i             | 1 1                                   | '            |                   |                               |                       |
|              |           |                   |             |       | 1                                                |             |                |                |             |           |             |                  |               |                                       |              | •                 | • •-                          |                       |
|              |           | -                 |             | L     | 1                                                | 1           |                | . ,            |             |           |             | <u> </u>         |               |                                       |              |                   | <b>.</b>                      |                       |
| 1            |           | !                 |             |       |                                                  | ;           | }              |                | ĺ           | }         |             |                  |               | ]                                     | Ì            |                   |                               |                       |
|              |           |                   |             |       |                                                  |             | <del></del> +  |                |             |           |             |                  |               | <b>}</b>                              | <del></del>  |                   | •                             |                       |
| l            |           |                   |             |       | 1                                                |             | į              |                |             | ļ         | 1           |                  |               | 1                                     | 1            | 1                 | •                             |                       |
| ement (X)    |           | $\Sigma_{\chi^2}$ |             |       | $\Sigma_{\mathbf{X}}$                            | 7 8         | <del>,  </del> | σ <sub>x</sub> | <del></del> | No. Obs.  |             |                  |               | Mean                                  | No. of Hours | with Tempero      | i                             | <del></del>           |
| tel. Hum.    |           |                   | 1953        |       | 62693                                            |             |                | 17.59          |             | 1772      |             | ≤ 0 F            | ≤ 32 F        | ≥ 67 F                                |              |                   |                               | Total                 |
| Dry Bulb     |           |                   | 0446        |       | 97376                                            |             |                | 11.56          |             | 1772      |             |                  | <del></del>   | 124.                                  |              |                   | <del></del>                   | 720.                  |
| Wet Buib     |           | 717               | 4522        |       | 73312                                            | 41.         | . 4            | 6.35           |             | 1772      |             |                  | 60.9          | +                                     |              |                   |                               | 720                   |
|              |           |                   | 4670        |       | 44311                                            | 25          | ~ T            | 7 . 38         | _ اے        | 177?      |             |                  | 614.4         | i                                     |              | 1                 | 1                             | 720                   |

STATION STATION NAME 73-97 VEARS MONTH

EAGE 1

|                       |     |       |       |       |          |            |                               |                |                                         | Drants   | 101 (5) |         |                  |              |                 | <del></del>    | <del></del>          | <del></del> | HOURS         | L S T    |
|-----------------------|-----|-------|-------|-------|----------|------------|-------------------------------|----------------|-----------------------------------------|----------|---------|---------|------------------|--------------|-----------------|----------------|----------------------|-------------|---------------|----------|
| Temp. ;_<br>(f)       |     | . 1 2 | 3 . 4 | 5 4   | 7 0      |            | WET BUL                       |                |                                         |          |         | 21 . 22 | 23 . 24          | 25 . 26      | 27 28 2         | 0 30 >         | TOTAL<br>31 D.B./W.I |             | TOTAL         | Dow Poir |
| 24/ 93                |     | 112   |       | 3 - 0 | /        | 7 - 10     | 11 . 12                       | 13 . 14        | 13 . 10                                 | 17 - 18  | 17 - 20 |         | 23 - 24          | 13 - 20      | 27 10 2         |                |                      | 2 2         |               | Dew 10.1 |
| 227 21                |     | : :   |       |       |          |            | i                             | ì              | 3                                       |          | į       | i       |                  |              |                 | !              | . 2                  | 3 3         | i             |          |
| / 39                  |     | 1     |       |       |          |            |                               |                |                                         |          |         |         |                  | 1            |                 | • 2            | . 1                  |             | ·             |          |
| 66/ 87                |     |       |       | ,     | j        | j          | j                             |                |                                         |          |         |         |                  | 1            | • 1             | . 8            | 1 1                  | 1           |               |          |
| -6/ 85                |     |       |       |       |          |            | -                             |                |                                         |          |         | -       |                  | • 2          | . 9             | . 4            | 2                    | 1' 27       |               |          |
| 947 RZ:               |     |       |       | ļ     | į        |            |                               |                |                                         |          |         |         | • 1              | 1            | l l             | • 5            | 4                    | 41          |               |          |
| 67/ 61                |     |       |       |       |          |            |                               |                |                                         |          |         | • 2     | • 6              |              | .0              |                | 5.                   | 5.0         |               |          |
| 2 79                  |     | : I   |       |       |          |            |                               |                |                                         |          | . 1     | .4      | 1.3              | 1.7          | . 4             |                | 7:                   | 7 7 3       |               |          |
| 7:1 77                |     |       |       |       | j        |            |                               |                | }                                       | • 1      | • 3     | • 5     | 1.9              | 1.3          | . 1             |                | 9                    |             |               |          |
| 76/ 75                |     |       |       |       |          |            |                               | • 1            |                                         | . 2      |         | 1.0     |                  |              | •1              |                | 95                   |             |               |          |
| 747 771               |     | !     | ì     | į     | }        |            | ĺ                             |                | • 2                                     |          | 1.1     |         |                  |              |                 |                | 117                  |             |               |          |
| 7 / 71                |     | 1     |       |       |          |            |                               | - 1            | . 4                                     |          | 1.7     |         |                  | •            |                 |                | 111                  | <del></del> |               |          |
| 77/69                 |     |       | ĺ     | Í     |          | ĺ          | • 4                           | • 2            | • 4                                     |          | 1.8     |         | . 4              |              |                 | ļ              | 1 106                |             |               |          |
| £ / 67                |     |       |       |       |          |            | -1                            |                |                                         |          | 2.2     |         |                  | <del> </del> |                 | <del></del>    | 119                  | <del></del> | <u> </u>      |          |
| 6/ 65                 |     |       |       | • 1   |          | • 1        | • 5                           | 1.1            | . • 9                                   |          | 1.9     | _       | ı                |              | i               |                | 120                  | :           |               |          |
| 4/ 63                 |     |       |       |       | - 1      | •2         | <u>•6</u>                     | 1 • 6          |                                         |          | • 6     |         | L <u>-</u>       | <del> </del> |                 |                | 11                   |             |               |          |
| 627 61<br>627 59      |     | :     | • 1   | ٦     | • 1      | • 4        | • 5                           | i              | 1.8                                     |          | • 4     | • 1     |                  | į            | 1               | - 1            | 111                  |             | 5<br>37       |          |
| 5 / 57                |     |       | - 1   | ?     | • 2      | • 4<br>• 3 | $\frac{1 \cdot 1}{1 \cdot 1}$ | 1.4            | 1.2<br>1.2                              | • 7      |         |         |                  | <del> </del> |                 |                | 91                   |             | 93            |          |
| 5. / 55               |     | . 1   | . 1   | . 2   | 5        | e<br>C     | 1.3                           |                | .5                                      |          |         |         |                  |              |                 |                | 0                    |             |               |          |
| 54/ 53                |     |       | . ?   | . 2   |          | - 0        | 1.0                           | 3              | • 5                                     |          |         |         |                  | <u> </u>     | <del>-</del>    |                |                      |             | 197           |          |
| 52/ 51                |     | i     | . 1   | . 3   |          | ٩          | . ,                           | . 6            | . 3                                     | • •      |         |         |                  |              |                 | ŧ .            | 6.                   |             | 242           |          |
| 10/ 40                |     |       | . ?   | • 3   |          | . 6        | . 8                           | • 2            | • •                                     |          |         |         |                  | ţ            |                 |                | 41                   |             | 246           | 1        |
| L / 47                |     | - 1   | . 3   |       | • 6      | . u        | . 4                           | •              | [                                       |          |         | 1       |                  | 1            |                 | 1              | 4                    | 4 3         |               | ì        |
| 40/ 45                |     | . ?   | • 1   | • 4   | . 4      | •6         | • 1                           | • 1            |                                         | ,        |         |         |                  | į.           |                 |                | 3:                   | 35          | 150           | 2        |
| 64/ 43                |     | - 1   | . 4   | • r   | . 4      |            | - 1                           |                | i                                       |          |         |         | _                | L _          |                 |                | _ 1 33               | 32          | 162           | 5        |
| 42/ 41                |     | • 2   | , r.  | • 4   | . 4      |            |                               |                |                                         |          |         |         |                  |              |                 |                | 24                   | 26          | 109           | 9        |
| 4 / 37                |     | . 2   | • 2   | • 3   | . 1      | .1         |                               |                |                                         |          |         |         |                  |              |                 |                | 15                   | 15          |               | 11       |
| 3 / 37                | • 1 |       | • 2   |       | 7        |            |                               |                |                                         |          | İ       | İ       |                  | i            |                 | ĺ              | _ i _ !              | , 4         | 7.2           | 1 3      |
| 3-1 35                |     | • 2   | • 1   |       |          |            |                               |                |                                         |          | i       |         |                  | ļ            | igsquare        |                |                      | 4           | 41            |          |
| 3-/ 33                |     |       |       |       |          |            |                               |                | <br>                                    |          |         |         |                  |              |                 |                |                      |             | 15            | ?:       |
| 72/ 31                | • 1 | -     |       |       |          |            |                               |                |                                         | <u> </u> |         |         |                  |              |                 |                |                      | 1 1         | 4             | 19       |
| 77/29                 |     | ] ]   |       |       | . ]      |            | j                             |                | ļ                                       |          |         |         |                  | į '          |                 |                |                      |             |               | 20       |
| 23/ 27                |     | N. 2  |       |       | <u> </u> |            |                               |                | لــــــــــــــــــــــــــــــــــــــ | N        | <u></u> | نـــــا |                  | Ĺ            | Ma              | S Ma           | ist. Tour            | 1           | Li            | 18       |
| Element (X)           |     | Σχ²   |       |       | ΣX       | -+-        | ▼                             | σ <sub>x</sub> |                                         | No. Ob   | 15.     | ± 0 F   | <del>- 7 -</del> | ≤ 32 F       | Mean N<br>≥67 F | o. of Hour     | with Tempe           |             |               | Total    |
| Rel. Hum.<br>Dry Bulb |     |       |       |       |          |            |                               |                | -                                       |          |         | U F     |                  | - J4 F       | -0/ F           | -/3            |                      |             | <del>''</del> |          |
| Wet Bulb              |     |       |       |       |          |            |                               |                |                                         |          |         |         | -+               |              |                 |                |                      |             |               |          |
| Dew Point             |     |       |       |       |          |            |                               |                | -+-                                     |          |         |         | _ <del> </del> _ |              |                 | <del>-  </del> |                      |             |               |          |
|                       |     |       |       |       |          |            |                               |                |                                         |          |         |         |                  |              |                 |                |                      |             |               |          |

| STATION      | FA  | LLCM              | , NV         |                | TATION NA      | WE          |              |                |                |             | 3-82         |              |                                                  |               | EARS           |              |              |                                                  | - M A                                  | Y<br>NTH      |
|--------------|-----|-------------------|--------------|----------------|----------------|-------------|--------------|----------------|----------------|-------------|--------------|--------------|--------------------------------------------------|---------------|----------------|--------------|--------------|--------------------------------------------------|----------------------------------------|---------------|
|              |     |                   |              |                |                |             |              |                |                |             |              |              |                                                  |               |                |              |              |                                                  | PASE                                   | 7<br>(LST 1   |
| Temp.        |     |                   |              |                |                |             | WET BU       | LB TEMP        | ERATUR         | E DEPRE     | SSION (      | )            |                                                  |               |                |              | TOTAL        | Ţ                                                | TOTAL                                  |               |
| ( <b>F</b> ) | 0   | 1 - 2             | 3 - 4        | 5 - 6          | 7 - 8          | 9 - 10      | 11 - 12      | 13 - 14        | 15 - 1         | 6 17 - 1    | 8 19 - 20    | 21 - 22      | 23 - 2                                           | 4 25 - 26     | 27 - 28 29     | - 30 ≥ 31    | D.B./W.B.    | Dry Bulb                                         | Wet Bulb                               | Dew P         |
| 26/ 25       |     |                   |              |                |                |             |              |                |                |             |              |              |                                                  |               |                |              |              |                                                  | i                                      | 1             |
| 24/ 23       |     |                   | ļ            | İ              |                |             |              | L              | ļ              |             |              | <b></b>      | ļ                                                | <u> </u>      |                | <del>`</del> |              | <del></del>                                      | ļ                                      | 12            |
| 227 21       |     | [                 | <b>i</b> !   | }              | į              |             |              |                | 1              |             | 1            | }            | 1                                                |               |                |              | 1            | ļ                                                | 1                                      | ! (           |
| 25/ 19       |     |                   |              | <b> </b>       | L              |             |              | <del> </del>   | ļ              | <del></del> |              | <del> </del> | <del> </del>                                     | <del></del> - | <b> </b>       |              | <del> </del> | ļ                                                | ļ                                      | <u> </u>      |
| 137 17       |     | 1                 |              | 1              | }              |             |              | }              |                | {           |              | 1            |                                                  | 1             |                |              |              | 1                                                |                                        | 1 :           |
| 15/ 15       |     | <del></del>       |              |                | <b></b>        |             |              |                |                |             |              |              | <del> </del>                                     | +             | <b></b>        |              | <del> </del> |                                                  | <b></b>                                | <u></u>       |
| 14/ 13       |     | 1                 |              | 1              |                |             | 1            | Į.             | 1              | }           | 1            | }            | l                                                |               |                | 1            |              | İ                                                | 1                                      | 1             |
| 12/ 11       |     |                   |              |                |                |             |              | <del> </del>   | <del> </del>   | +           | <del></del>  | <del> </del> | ├                                                | <del></del> - |                |              | <del> </del> | <del> </del>                                     | <del></del>                            | <del></del>   |
| 171 9        | ,   | , ,               | > =          | ,<br>  3 .a    | 5 0            | 4.1         | 0 1          | 100            |                | 7 0         |              | 0 2          |                                                  |               | 3.7 1          |              |              | 1860                                             | 1                                      |               |
| <u> </u>     | • 4 | 101               | 4.5          | 7.4            | 200            | 001         | 701          | 1000           | 7.             | 700         | 9 0 0        | 7.0.3        | 700                                              | 0.7           | 30/1           | • 6          | 1860         |                                                  | 1360                                   | 180           |
|              |     | 1                 | !            | 1              |                |             | 1            |                |                |             | 1            |              |                                                  | 1             |                | }            | 1000         | i<br>i                                           | 1300                                   |               |
|              |     | <del> </del>      | <del> </del> | <del> </del> - |                |             |              | <del> </del>   | <del> </del>   | <del></del> | 1            | +            | <del></del>                                      |               |                |              | †            | <del>                                     </del> | <del></del>                            | <del></del>   |
|              |     | İ                 | i            |                |                |             |              | 1              |                |             | 1            | 1            | i                                                | j             |                |              |              | 1                                                | l                                      |               |
|              |     |                   |              | 1              |                |             | <u> </u>     | 1              | 1              |             |              |              | 1                                                | 1             |                |              | 1            | T                                                | -                                      | •             |
|              |     | 1                 |              |                | ! !            |             | !            | §              | Í              | _i          | _i           | i            | :<br>                                            |               |                |              | <u>.</u>     | !                                                | į                                      | <u> </u>      |
|              |     |                   | i            |                |                |             |              |                |                |             |              |              |                                                  |               |                |              |              | 1                                                | 1                                      |               |
|              |     |                   | <u> </u>     |                |                |             |              | <u> </u>       | l              |             |              | <u> </u>     | <u> </u>                                         | 1             | <u> </u>       |              | 1            |                                                  |                                        |               |
|              |     | 1                 | }            |                | }              |             | 1            |                | Ì              |             | 1            |              | :                                                | ļ             | i              |              | 1            |                                                  | :                                      |               |
|              |     | ļ                 | <del> </del> |                |                |             |              |                | <del> </del>   | <u> </u>    | <u> </u>     | +            | <u> </u>                                         | ļ             |                | <u> </u>     | 1            | '<br>*                                           |                                        | ·             |
| j            |     | ĺ                 | ļ            | l              | 1              |             |              | 1              |                |             | 1            | i            |                                                  |               |                |              | -            | :                                                |                                        | *             |
|              |     | <del> </del>      | ļ            | ļ              | <u> </u>       |             |              | <b>_</b>       |                |             |              | <del> </del> | -                                                |               | ļ              |              | 1            | <del>!</del>                                     | ·<br>                                  | +             |
| ;            |     | }                 | )            | }              | }              |             | 1            | 1              |                |             | Ì            | 1            | }                                                | }             |                | 1            | 1            |                                                  |                                        | :             |
|              |     |                   | <del> </del> | <del> </del> - | <b> </b>       |             | <u> </u>     | <del> </del>   | <del> </del>   | -           | +            | <del></del>  | <del> </del>                                     | <del></del>   |                |              | +            | <del> </del>                                     | ÷                                      |               |
| -            |     | 1                 | 1            |                | 1              |             | ł            | 1              | 1              |             |              | 1            | -                                                |               |                | į            | !            |                                                  |                                        | 1             |
|              |     | <del> </del>      | <del> </del> | <del> </del>   |                |             | <del> </del> | <del> </del>   | <del> </del> - | +           | <del> </del> | <del> </del> | <del> </del>                                     | <del> </del>  | - <del>-</del> |              | <del> </del> | <del></del>                                      | •                                      | <del></del> - |
| 1            |     |                   |              |                | 1 :            |             |              |                |                |             |              | 1            | 1                                                | ì             |                | Ì            |              | į                                                | ļ                                      | 1             |
|              |     | <del> </del>      | <del> </del> | <del> </del>   | <del> </del> - |             | <del> </del> | <del> </del>   | 1              | -           | 1            | 1            | <del>                                     </del> | Ţ             |                |              | †            |                                                  | !                                      | 1             |
|              |     |                   | Į            | {              | { !            |             |              |                |                |             |              | i            | 1                                                |               |                | j            | İ            | ļ                                                | i                                      | ł             |
|              |     |                   |              |                |                |             |              |                | 1              |             |              | 1            | -                                                |               |                |              |              |                                                  |                                        |               |
|              |     | 1                 | 1            | 1              |                |             | 1            | }              | 1              | 1           | 1_           | 1_           | 1_                                               |               |                |              |              |                                                  |                                        |               |
|              |     |                   |              |                |                |             |              |                |                | T           |              |              |                                                  |               |                |              | T            | i                                                | 1                                      | Ī             |
| Element (X)  |     | $\Sigma_{\chi^2}$ | 1            | <del> </del>   | Σ×.            | <del></del> | X            | σ <sub>x</sub> | 1              | No. 0       | Obs          | <del> </del> | <u> </u>                                         | 1             | Mean No        | of Hours w   | ith Temper   | ture                                             | ــــــــــــــــــــــــــــــــــــــ | <u></u>       |
| Rel. Hum.    |     |                   | 7255         | <del> </del>   | 6510           | 3 7         |              |                |                |             | 860          | ±0           | F                                                | ≤ 32 F        | ≥67 F          | ≥73 F        | ≥80 F        |                                                  | F                                      | Total         |
| Dry Bulb     |     |                   | 4938         |                | 2075           |             |              | 11.4           |                |             | 960          |              | _                                                |               | 342.0          |              |              |                                                  |                                        | 744           |
| Wet Bulb     |     |                   | 7750         |                | 8965           |             |              | 5.9            |                |             | 36°          |              | _                                                | 1.6           |                |              | 1            | 1                                                |                                        | 744           |
| Dew Point    |     |                   | 9516         |                | 5916           |             | 1.8          | 7.2            |                |             | 360          | 1            | -                                                | 01.2          |                | 1            | T            |                                                  |                                        | 744           |

FALLON, NV

|              |   |                                                  |       |          |       |                                        |         |                                        |         |         |         |         |         |         |         |         |          |            |          | HOURS    | LST)         |
|--------------|---|--------------------------------------------------|-------|----------|-------|----------------------------------------|---------|----------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|----------|------------|----------|----------|--------------|
| Temp.        |   |                                                  |       | <b>.</b> |       |                                        |         | LB TEMPI                               |         |         |         |         |         |         |         |         |          | TOTAL      |          | TOTAL    |              |
| ( <b>F</b> ) | 0 | 1 - 2                                            | 3 - 4 | 5 - 6    | 7 - 8 | 9 - 10                                 | 11 - 12 | 13 - 14                                | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥31      | D.B./W.B.  | Dry Bulb | Wet Bulb | Dew Po       |
| ~27101       |   |                                                  |       |          |       |                                        | İ       |                                        |         |         |         |         |         |         |         |         | • 1      | 1          | 1        |          |              |
| 23/ 99       |   |                                                  |       |          |       |                                        |         |                                        |         |         |         |         |         |         |         |         | • 3      | 5          | 5        |          |              |
| 95/ 97       |   |                                                  |       |          |       |                                        |         |                                        |         |         |         |         |         |         |         |         | . 6      | 10         | 10       |          | 1            |
| 95/ 95       |   |                                                  |       |          |       |                                        |         |                                        |         |         |         |         |         |         |         | • 1     | 1.3      | 26         | 26       |          |              |
| 94/ 93       |   |                                                  |       |          |       |                                        |         |                                        |         |         |         |         |         |         | . 1     | . 2     | 1.6      | 32         | 32       |          |              |
| 92/ 91       |   | 1                                                |       |          |       |                                        | i       |                                        |         |         |         |         |         |         | . 3     | . 5     | 1.9      | 49         | 49       |          | i<br>I       |
| 907 89       |   |                                                  |       |          |       |                                        |         |                                        |         |         |         |         | • 1     | . 3     | 1.1     | 1.8     | 1.7      | 87         | 87       |          |              |
| 98/ 87       |   |                                                  |       |          |       |                                        |         |                                        |         |         |         | . 1     | • 2     | .7      | 1.2     | 1.8     | . 9      | 1 .        | 87       |          | ì            |
| 967 85       |   |                                                  |       |          |       |                                        |         |                                        |         |         |         | • 2     | .7      | 1.1     |         | 2.2     | . 3      | +          | 109      |          |              |
| 4/ 83        |   |                                                  |       |          |       | ŀ                                      |         |                                        |         |         | • 1     | • 2     | .9      | . 8     | 1.9     | 1.3     |          | 93         | 93       |          |              |
| 32/ 81       |   | 1                                                |       |          |       |                                        |         |                                        | • 1     | • 1     | •2      | .5      |         |         | 1.5     | . 3     |          | 100        | 100      |          |              |
| 79           |   |                                                  |       |          |       |                                        |         |                                        | .1      | . 2     | .5      | .7      | 1.4     | 1.7     | 1.3     |         |          | 107        | 107      |          |              |
| 13/ 77       |   | 1 1                                              |       |          |       |                                        |         |                                        | 7.4     | • 7     | 1.0     |         | 2.0     |         | • 3     |         |          | 123        | 123      |          |              |
| 15/ 75       |   |                                                  |       |          |       |                                        |         |                                        | . 5     | 9       | 1.0     |         | 1.3     | . 4     | .1      |         | Į.       | 106        | 106      |          |              |
| 74/ 73       |   | <del>                                     </del> |       |          |       |                                        |         | • ?                                    | . 8     | 1.4     | 1.2     | 2.0     | 1.3     | - 3     | 7.      |         |          | 128        | 128      |          |              |
| 2/ 71        |   |                                                  |       |          |       | . 1                                    | • 2     | • 6                                    | 1.1     | . 8     | 1.7     | 1.1     | •5      | 1       |         |         |          | 107        | 107      |          |              |
| 27 69        |   | <del> </del>                                     |       |          | • 1   | • 1                                    | .4      | • 4                                    |         |         |         | 1.2     | • 2     | ••      |         |         |          | 107        | 107      |          |              |
| 1 67         |   |                                                  |       |          |       |                                        | _       | . 7                                    | 9       |         | 1.3     | .4      | •1      |         |         |         | ĺ        | 113        | 110      | ,        |              |
| 6/ 65        |   | <del>├</del> ──                                  |       | 1        | • 1   | • 1                                    | • 5     | -                                      |         |         |         |         | • 1     |         |         |         |          |            | 104      | 18       | <del> </del> |
| 4/63         |   | 1                                                |       |          | • 4   | 1 1                                    |         |                                        |         | 1.6     |         | • 2     |         |         |         |         |          | 104        | 75       | 45       |              |
|              |   | +                                                |       |          | • 3   | - 4                                    | . 5     | • 6                                    | 1.1     | • 8     | • 2     | • 2     |         |         |         |         | -        | 56         | 56       |          |              |
| 2/ 61        |   | ١,                                               | • 1   | • 2      | • 2   | • 1                                    | • 3     | • 6                                    |         | • 6     | • 2     |         |         |         |         |         | i        | 59         | 59       | 121      |              |
| 5/ 59        |   | -1                                               | • 2   | . 4      | • 2   | • 2                                    | - 4     | . 7                                    |         | 3       |         |         |         |         |         |         | <u> </u> | 38         | 38       | 199      |              |
| 7 57         |   | • 1                                              | • ?   | l        | • 2   | • 2                                    | • 7     | • 6                                    | _       |         |         |         |         |         |         |         |          | 1          |          | 242      |              |
| 6/ 55        |   | - 1                                              | • 1   | • 1      |       | 2                                      | • 3     | • 3                                    | -1      | ļ       |         |         |         |         |         |         | ļ        | 18         | 13       | 291      | <u> </u>     |
| 4/ 53        |   | • 3                                              | • 2   |          |       | • 4                                    | • 3     | • 2                                    | • 1     |         | 1       |         |         |         |         |         |          | 30         | 30       | 228      | 1            |
| 2/ 51        |   | • 3                                              | - 1   |          | • 1   | • 2                                    | • 1     | • 2                                    |         |         |         |         |         |         |         |         |          | 16         | 16       | 192      |              |
| 0 / 49       |   | 1 _1                                             | _ [   | • 1      |       | • 3                                    |         |                                        |         |         |         |         |         |         |         |         | ĺ        | 8          | 8        | 164      |              |
| R/ 47        |   | • 1                                              | • 1   | <b> </b> | • 2   |                                        |         | <b> </b>                               |         |         | ļ       |         |         | <b></b> |         |         | ļ        | 6          | 6        | 119      | (            |
| 67 45        |   |                                                  |       |          |       |                                        |         |                                        |         |         |         |         |         |         |         |         |          |            | ا ي      | 78       | 9            |
| 4/43         |   | <b>.</b>                                         |       | • 1      | • 1   | ļ                                      |         |                                        |         |         |         |         |         |         |         |         |          | 2          | 2        | 59       | 13           |
| 2/41         |   |                                                  |       |          |       |                                        |         |                                        |         |         |         |         |         |         |         |         |          |            |          | 25       | 12           |
| 7/ 39        |   | ļ                                                |       |          |       | ļi                                     |         |                                        |         |         |         |         |         |         |         |         |          |            |          | 11       | 11           |
| 37/ 37       |   |                                                  |       |          |       |                                        |         |                                        |         | }       |         |         |         |         |         |         |          |            |          | 3        | 16           |
| 6/ 35        |   | لبيا                                             |       |          |       | لـــــــــــــــــــــــــــــــــــــ |         | لـــــــــــــــــــــــــــــــــــــ |         |         |         |         |         |         | اـا     |         |          | L          |          |          | 19           |
| lement (X)   |   | $\Sigma_{\chi^2}$                                |       |          | Σχ    |                                        | X       | σ <sub>x</sub>                         | _       | No. Ob  | s       |         |         |         |         | _       |          | th Tempera | _        |          |              |
| Rel. Hum.    |   | _                                                |       |          |       |                                        |         | <u> </u>                               |         |         |         | 5 0 F   |         | 32 F    | ≥ 67 (  | :       | 73 F     | ≥80 F      | ≥93 1    | F        | Total        |
| Dry Bulb     |   |                                                  |       | L        |       |                                        |         |                                        |         |         | 1       |         |         |         |         |         |          |            | <u> </u> |          |              |
| Wet Bulb     |   |                                                  |       |          |       |                                        |         |                                        |         |         | 1       |         |         |         |         |         |          |            | <u> </u> |          |              |
| Dew Point    |   |                                                  |       |          |       |                                        |         |                                        |         |         |         |         |         |         |         |         |          | I          | 1        | T        |              |

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| Temp.        |   |                |              |       |              |        | WET BU  | LB TEMPI       | RATURE  | DEPRES         | SION (F)     |              |         |                |                |              |             | TOTAL          |          | TOTAL    |                                                  |
|--------------|---|----------------|--------------|-------|--------------|--------|---------|----------------|---------|----------------|--------------|--------------|---------|----------------|----------------|--------------|-------------|----------------|----------|----------|--------------------------------------------------|
| ( <b>F</b> ) | 0 | 1 - 2          | 3 - 4        | 5 - 6 | 7 . 8        | 9 - 10 | 11 - 12 | 13 - 14        | 15 - 16 | 17 - 18        | 19 - 20      | 21 - 22      | 23 - 24 | 25 - 26        | 27 - 28        | 29 -         | 30 = 31     | D.B./W.B.      | Dry Bulb | Wet Bulb | Dew Poir                                         |
| 34/ 33       |   | 1              |              |       |              |        |         |                |         |                |              |              |         |                | 1              | 1            |             |                |          |          | 175                                              |
| 72/ 31       |   | 1              |              |       | ĺĺ           |        |         |                |         |                | 1            |              |         |                | 1              | ł            | İ           |                |          |          | 161                                              |
| 30/ 29       |   | <b>†</b>       |              |       | 11           |        |         |                |         |                |              |              |         | 1              |                | 1            |             |                |          |          | 130                                              |
| 22/ 27       |   | 1              | į į          |       | 1 1          |        |         |                |         | 1              | 1            | } ;          |         |                |                | 1            | ļ           |                |          |          | 105                                              |
| 35/ 25       |   | 1              |              |       |              |        |         |                |         |                |              |              |         |                |                | 1            |             |                |          |          | 84                                               |
| 24/ 23       |   |                | i i          |       | 1 !          |        |         | } ,            |         | İ              |              | } ,          |         | 1              |                |              | }           |                |          |          | 5.5                                              |
| 72/ 21       |   | 1              |              |       |              |        |         |                |         |                |              |              |         |                |                |              |             |                |          |          | 27                                               |
| 73/ 19       |   |                | 1            |       |              |        |         |                |         |                | i            | 1            |         |                | }              |              |             | ]              |          |          | 15                                               |
| 19/ 17       |   |                |              |       |              |        |         |                |         | _              |              |              |         |                |                | T            |             |                |          |          |                                                  |
| 16/ 15       |   |                | 1            |       | 1 1          |        |         |                |         |                |              | 1            |         |                |                | 1.           |             |                |          |          | 6                                                |
| 14/ 13       |   |                | -            |       |              |        |         |                |         |                |              |              |         |                |                |              |             |                |          |          | 3                                                |
| STAL         |   | .8             | . 8          | .9    | 1.9          | 2.6    | 4.4     | 5.7            | 8.8     | 10.4           | 9.4          | 9.7          | 1C.0    | 8 . 6          | 9.2            | 2 e .        | 2 8.6       |                | 1798     |          | 1798                                             |
|              |   |                |              |       |              |        |         |                |         |                |              |              |         |                |                |              |             | 1798           |          | 1798     | ;                                                |
|              |   | <del> </del> - |              |       |              |        |         |                |         |                | !<br>!       |              |         | <del> </del>   | -              | <del> </del> |             |                |          |          | <u> </u>                                         |
| j            |   |                |              |       | j j          |        |         |                |         |                | İ            | !            |         | -              |                |              |             |                |          |          | i<br>·                                           |
|              |   | 1              | l            |       |              |        |         |                |         | <del></del>    |              |              |         | ]              | T              | +            | <del></del> |                |          |          | <del> </del>                                     |
|              |   |                |              |       |              |        |         |                |         | <u> </u>       | <u> </u>     | ·            |         | <u> </u>       |                | -            |             | <del> </del>   |          |          | ·<br>                                            |
|              |   |                |              |       |              |        |         |                |         | 1              | -            |              | ı       | 1              | 1              |              |             | . !            |          |          | į                                                |
|              |   | <del> </del>   |              |       |              |        |         | ļ              |         | <u> </u>       | <u> </u>     | ļ            |         | <u>i</u>       | ļ              |              |             | i              |          |          | :<br>;—                                          |
|              |   |                |              |       | 1 1          |        |         |                |         | 1              |              |              |         |                |                | -            | 1           | ;              |          |          |                                                  |
|              |   | <del> </del>   | <del></del>  |       | <b> </b>     |        |         | ļ              |         | <del> </del> - | ļ            | ļ            |         | <del> </del>   | <del> </del>   | +            |             | <del> </del>   |          |          |                                                  |
|              |   |                | 1            | 1     | }            |        |         |                |         | Ì              | !            | )            |         |                |                | 1            | 1           | ;              |          |          | 1                                                |
|              |   |                | <del> </del> |       | <del> </del> |        |         | <u> </u>       |         | <del> </del>   |              | <del> </del> |         | <del> </del>   | <del> </del> - | +            |             | <del> </del>   |          |          | <del></del>                                      |
|              |   |                |              |       |              |        |         |                |         |                |              | ļ            |         |                | į              | l            |             | ]              |          |          | ĺ                                                |
|              |   | <del> </del>   |              |       | 1            |        |         |                |         | <del> </del>   | <del> </del> | <del> </del> |         | <del> </del> - | <del> </del> - | +            |             | <del> </del>   |          |          | <del>-</del>                                     |
| Í            |   |                |              |       | 1 1          |        |         |                |         | ļ              |              | 1            |         |                |                | 1            | j           | 1 1            |          |          | į                                                |
|              |   |                |              |       | 1            |        |         | <del> </del>   |         | <del> </del>   |              | <del></del>  |         |                | <del> </del>   | +-           |             | <del>   </del> |          | <br>!    | <del>                                     </del> |
| Í            |   | İ              |              |       | !            |        |         |                |         |                |              |              |         | }              |                |              |             |                |          | !        |                                                  |
|              |   |                |              |       |              |        |         |                |         |                |              |              |         |                |                |              |             |                |          |          |                                                  |
|              |   | -              |              |       |              |        |         | ļ              |         | -              |              |              |         | <del> </del>   | -              | +            |             | <del>├</del>   |          |          |                                                  |
|              |   |                | }            |       |              |        |         | )              |         |                |              |              |         | j              |                |              |             |                |          |          | ì                                                |
| Element (X)  |   | Σχ²            |              |       | ΣX           |        | X       | σ <sub>x</sub> |         | No. O          | bs.          | ·            |         | <del></del>    | Mear           | No.          | of Hours wi | th Tempera     | lure     |          |                                                  |
| Rel. Hum.    |   | 168            | 1327         |       | 48843        | 3 ?    | 7,2     | 14.3           | 45      | 17             | 98           | ≤ 0 F        |         | ≤ 32 F         | ≥ 67           |              | ≥73 F       | ≥80 F          | ≥93      |          | Total                                            |
| Dry Bulb     |   | 1034           | 4955         |       | 35001        |        | 5.1     | 10.7           | 72      | 17             | 98           |              |         |                | 555            | 0.0          | 425.3       | 262.           | 29       | . 6      | 720.0                                            |
| Wet Buib     |   | 5.29           | 9404         |       | 97130        | 5      | 4.0     | 5.3            | 96      |                | 98           |              |         |                |                | .2           |             | <u> </u>       | 1        |          | 720.0                                            |
| Dew Point    |   | 747            | 4298         |       | 65192        |        | 6.3     | 7.8            | 4 3     | 17             | 98           |              | 2       | 36.7           |                |              |             | i              | 1        |          | 720.0                                            |

971 2 FALLON, NV 73-82 JUL BOATH STATION HAME YEARS BOATH

WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 27 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 106/105 1 11 4/103 12 102/101 1.0 19 19 25 25 100/ 99 1.3 98/ 97 . 2 3.3 64 64 76 76/ 95 3.6 76 95 • 5 95 94/ 93 4.3 .7 2.3 151 92/ 91 1.0 4.1 151 05/ 89 • 5 1.3 3.0 138 138 • 1 •9 .5 3.1 . 9 150 150 28/ 87 2.3 96/ 85 • 5 2.3 • 1 119 119 • 3 1.2 • 2 •6 1.2 1.5 119 119 24/ 83 .6 2.2 • 3 827 81 1.0 1.4 1.0 90 90 1.7 1.C 103 80/ 79 163 . 5 781 77 . 4 1.6 1.6 • 3 112 112 1.1 761 75 741 73 1,4 1.6 .8 122 122 1.3 • 5 . 9 1.3 • 3 1.2 113 113 . 5 • 4 1.0 1.0 . 4 1.6 95 95 721 71 • 2 . 9 8 4 5 737 69 1.0 • 1 84 1.0 51 51 39 EB1 67 • 1 • 3 • 6 . 4 16/ 65 . 4 44 144 • 1 • 1 . 3 24 24 199 €41 63 62/ 61 • ? • 2 250 15 15 11 • 1 • 1 • 2 607 59 . 3 13 13 299 . 1 58/ 57 • 1 300 22 • 1 4 4 223 3. 56/ 55 • 1 • 1 541 53 168 53 527 51 117 61 50/ 49 60 86 25 45/ 47 125 46/ 45 12 149 44/ 43 42/ 41 206 219 407 39 Element (X) Rel. Hum. ≤OF ≤ 32 F 273 F 2 80 F : 93 F Total Dry Bulb Wet Bulb

FALLON, NV

| T            | $\neg \neg$ |          |                  |                                                  |                |                |             |       | WET BU  | JLB TO           | MPF            | RATURE | DEPRE                                            | SSIO            | N (F) |         |                                                  | _     |        |              |         |                |          |           | TOTAL       |             | TOTAL        |                                                  |
|--------------|-------------|----------|------------------|--------------------------------------------------|----------------|----------------|-------------|-------|---------|------------------|----------------|--------|--------------------------------------------------|-----------------|-------|---------|--------------------------------------------------|-------|--------|--------------|---------|----------------|----------|-----------|-------------|-------------|--------------|--------------------------------------------------|
| Temp.<br>(F) | - F         | 0        | 1 - 2            | 3 - 4                                            | 5.4            | 7.             | . 8 0       |       | 11 - 12 |                  |                |        |                                                  |                 |       | 21 . 2  | 2 23 .                                           | 24    | 25 . 2 | 26           | 27 . 28 | 29             | - 30     | ≥31       | D.B., W.B.  | Dry Bulb    |              | Dew Poin                                         |
| 39/ 3        | 77          | <u> </u> | 1.2              | 3.4                                              | 1 3 . 0        | +-             |             |       | 11 12   | 113              |                |        | · ·                                              | 4               |       |         |                                                  |       |        | +            |         | +              | -        |           |             | ,           |              | 204                                              |
| 35/ 3        |             |          | i                |                                                  |                | i              | ,           |       |         |                  | 1              |        | ĺ                                                | 1               |       |         | 1                                                |       |        | 1            |         |                | - 1      |           | ' .         |             |              | 172                                              |
| 34/ 3        |             |          | <del> </del>     | <del></del>                                      | <del> </del>   | <del></del>    | <del></del> |       |         | +                | -+             |        | <del>                                     </del> | +-              |       |         | +-                                               | -+    |        | +            |         | +-             |          |           |             |             | <del></del>  | 177                                              |
| 32/          |             |          |                  | ĺ                                                |                | 1              | 1           |       |         | i                | 1              |        | l                                                | 1               |       |         | 1                                                | İ     |        |              |         |                | 1        |           |             |             | 1            | 97                                               |
| 30/ 2        |             |          | <del></del>      | <del> </del>                                     | <del> </del>   | +-             |             |       |         | +                | $\dashv$       |        | <del> </del>                                     | +               |       |         | +                                                | -     |        | +            |         | +              |          |           |             |             | <del> </del> | 69                                               |
|              |             |          | (                | (                                                | 1              | ĺ              |             |       |         | 1                | Ì              |        | ĺ                                                |                 |       |         | ł                                                | į     |        | - }          |         | i              |          |           | 1           |             | :            | 24                                               |
| 28/ 2        |             |          | <del> </del>     | <del> </del>                                     | <del> </del>   | +-             | -+          |       |         | +-               | -+             |        | ├                                                | +-              |       |         | +                                                | -+    |        | +            |         | +              |          |           |             |             | <del></del>  | 12                                               |
| 76/ 6        |             |          | 1                | 1                                                |                |                |             |       |         | 1                | - (            |        |                                                  | Ì               |       |         |                                                  | Ì     |        |              |         | ļ              |          |           |             |             | i            | 1 4                                              |
| 72/ 3        |             |          | +                |                                                  | <del> </del>   | +-             | -           |       |         | +                | -+             |        | <del> </del>                                     | +               |       |         | +-                                               | -     |        | +            |         | <del>-</del>   | -        |           |             |             | <del></del>  | · <del></del>                                    |
| 26/ 1        |             |          |                  | 1                                                |                | į              | 1           | 1     |         |                  | - 1            |        | [                                                | İ               |       |         | 1                                                |       |        | - [          |         | i              |          |           |             |             | •            | ,                                                |
|              | 7 7.        |          | <del></del>      | • 7                                              | <del> </del> - |                |             |       | -       | 1.               |                | E 0    | ,                                                | <del>-</del>    |       |         | -                                                | +     |        | <u> </u>     | •       |                | -        | 20.9      | <u> </u>    | 1845        |              | 1846                                             |
| CTAL         | !           |          | . 3              | • 1                                              | •              | 1              | • 61 1      | 1 . 2 | 3 • 1   | •                | • 01           | 204    |                                                  | ه ∣د            |       | 5       |                                                  | • 4 ( |        | UR           | 1 + 2   | 4.1            | • 1 4    | E () • 9  | 1044        | 1.40        | 1006         |                                                  |
| - :          | 1           | · ·      | +                | <del></del>                                      | <del> </del>   |                |             |       |         | +                | -+             |        | <del></del>                                      | -+-             |       |         | +                                                | -+    |        | +            |         | +              |          |           | 1846        |             | 1846         | <del>•</del>                                     |
|              |             |          | Į.               |                                                  | }              | 1              | :           |       |         |                  | - 1            |        | 1                                                |                 | i     |         |                                                  |       |        | 1            |         |                | ļ        |           | :           |             |              |                                                  |
|              | ·-+         |          | <del> </del>     | <del></del>                                      | ·              |                | +-          |       |         | <u> </u>         | -+             |        | <del></del>                                      | <u> </u>        |       |         | <del>-</del>                                     | -+    |        | +            |         | +-             |          |           | <del></del> |             |              |                                                  |
|              | i           |          |                  |                                                  | 1              |                | 1           |       |         | 1                |                |        | į                                                |                 |       |         | 1                                                |       |        | i            |         | ,              | 1        |           |             |             | ,            |                                                  |
|              | }-          |          | +                | ÷                                                | <del></del>    | +              |             |       |         |                  | -+             |        | <del> </del>                                     |                 |       |         |                                                  | ļ     |        |              |         | <del>-</del> - |          |           | <del></del> |             |              |                                                  |
|              |             |          |                  | ı                                                | !              |                |             |       |         | }                | i              |        | !                                                | 1               |       |         |                                                  |       |        | 1            |         |                |          |           | 1           |             | !            | ř.                                               |
|              |             |          |                  | <del></del>                                      | ·              | - <del> </del> |             |       |         | ļ                |                |        | <del> </del> -                                   | _+ -            |       | · ~ · · | <del>-                                    </del> | +     |        |              |         | +              |          |           |             |             | <del> </del> |                                                  |
|              |             |          |                  |                                                  | 1              |                | i           |       |         |                  | 1              |        |                                                  | -               |       |         | 1                                                |       |        | i            |         |                | i        |           |             |             |              |                                                  |
|              |             |          |                  | ···-                                             |                | <b></b>        |             |       |         | +                | -+             |        | ÷                                                | - <del></del> - |       |         |                                                  |       |        | +            |         |                | +        |           |             |             | <del>-</del> |                                                  |
|              |             |          |                  |                                                  | :              | '              | ĺ           |       |         | 1                | 1              |        | !                                                |                 |       |         | 1                                                | :     |        | 1            |         | 1              | ;        |           |             |             |              |                                                  |
|              | · +         |          | ·                |                                                  | <del></del>    | +              | _           |       |         | +                |                |        | <del> </del>                                     | <del></del>     |       |         | +                                                |       |        | -†           |         |                |          |           | ·           |             |              | <del>†                                    </del> |
|              |             |          |                  | l                                                | 1              | 1              | 1           |       |         |                  | ŀ              |        | 1                                                | 1               |       |         |                                                  |       |        | į            |         |                |          |           |             |             |              |                                                  |
|              |             |          | <u> </u>         | <del> </del>                                     | <del> </del> - | <del></del>    |             |       |         | +                |                |        | <del> </del>                                     |                 |       |         | <del> </del>                                     |       |        | 十            |         | +              |          |           | •           |             | <del></del>  | <del>+</del>                                     |
|              | i           |          |                  | 1                                                |                | 1              |             |       |         | 1                | 1              |        |                                                  | i               |       |         | 1                                                |       |        | - l          |         |                | }        |           | į i         |             |              | •                                                |
|              | -+          |          | <del></del>      | <del> </del>                                     | <del> </del> - | +              |             |       |         | <del>† -</del> - | -+             |        | <del></del>                                      | +-              |       |         | +-                                               |       |        | -+           |         | +              |          |           |             |             | <del>-</del> | •                                                |
|              | 1           |          |                  |                                                  |                |                |             |       |         | 1                |                |        | ĺ                                                |                 |       |         |                                                  |       |        | İ            |         | 1              | !        |           | !           |             |              |                                                  |
|              |             |          | <del></del>      | <del> </del>                                     | +              | +-             |             |       |         | +                | +              |        | +                                                |                 |       |         | +-                                               |       |        | +            |         | +-             |          |           |             |             | <del>!</del> | +                                                |
|              | j           |          | }                |                                                  |                |                | [           | 1     |         |                  |                |        |                                                  |                 |       |         |                                                  | ļ     |        | 1            |         | 1              | İ        |           | 1           |             |              |                                                  |
|              | -+          |          |                  | <del>                                     </del> | <del> </del> - | +-             | +-          |       |         | +                | _              |        |                                                  | +               |       |         | +-                                               |       |        | $\dashv$     |         | +-             |          |           |             |             | <del> </del> | 1                                                |
|              | !           |          |                  |                                                  | )              | 1              | -           |       |         | ĺ                | - 1            |        | 1                                                |                 | ĺ     |         |                                                  | ł     |        | -            |         |                |          |           | (           |             | ļ            | ļ                                                |
|              |             |          | <del> </del>     |                                                  | +              | +-             | _           |       |         | +                | -+             |        | 1                                                | +-              |       |         | †                                                | -+    |        | +            |         | +-             |          |           |             |             | <del></del>  | <del>+</del>                                     |
|              |             |          |                  |                                                  |                | 1.             | _1          |       |         |                  |                |        |                                                  |                 |       |         |                                                  | j     |        |              |         | $\perp$        |          |           |             |             |              |                                                  |
| Element (    | (X)         |          | $\Sigma_{X}^{2}$ |                                                  |                | ΣX             |             |       | X       |                  | σ <sub>χ</sub> |        | No.                                              | Obs.            |       |         |                                                  |       |        |              | Mear    | No.            | of H     | lours wif | h Tempera   |             |              |                                                  |
| Rel. Hur     | m.          |          | 150              | 8434                                             |                |                | 792         |       | 5 . 3   | 13               |                |        |                                                  | 846             |       | ± 0     | F                                                | _ ≤   | 32 F   | $\downarrow$ | ≥ 67    |                |          | 73 F      | ≥ 80 F      | ≥ 93        |              | Total                                            |
| Dry Bul      | lb          |          | 1270             | 8600                                             |                |                | 066         | R     | 2.4     |                  | 93             |        |                                                  | A 4 6           | ~     |         |                                                  |       |        | $\perp$      |         |                |          | 18.2      | 446.        | 2 117       |              | 744.0                                            |
| Wet Bu       | ılb         |          | 634              | 4967                                             | '              | 107            | 873         | 5     | 8.4     |                  | .72            |        |                                                  | 846             |       |         |                                                  |       |        | _            | 19      | .7             | <u> </u> |           | ļ           | <del></del> |              | 744,3                                            |
| Dew Poi      | int         |          | 317              | 0980                                             | ·              | 75             | 210         | 1 4   | 0.7     | 7                | . 60           | . 7    | •                                                | 846             | . 1   |         |                                                  |       | 93.    | <b>a</b> 1   |         |                | 1        |           | I           | 1           | 1            | 744.0                                            |

| STATION          | FA  | LLON                                             | <u>, N</u> V | 9        | TATION NAI | <u> </u> |                                                  |              |             | 73           | -82                                              |          |                                                  |                                                  | EARS         |                                                  |                                                  |            |              | UA                                    | S<br>17H    |
|------------------|-----|--------------------------------------------------|--------------|----------|------------|----------|--------------------------------------------------|--------------|-------------|--------------|--------------------------------------------------|----------|--------------------------------------------------|--------------------------------------------------|--------------|--------------------------------------------------|--------------------------------------------------|------------|--------------|---------------------------------------|-------------|
| •••••            |     |                                                  |              | •        |            |          |                                                  |              |             |              |                                                  |          |                                                  |                                                  |              |                                                  |                                                  |            | !            | PAGE                                  |             |
| Temp.            |     |                                                  |              |          |            |          | WET BU                                           | LB TEMPE     | RATURE      | DEPRES       | SION (F)                                         |          |                                                  |                                                  |              |                                                  |                                                  | TOTAL      |              | TOTAL                                 |             |
| (F)              | 0   | 1 - 2                                            | 3 - 4        | 5 - 6    | 7 - 8      |          |                                                  |              |             |              | 19 - 20                                          | 21 - 22  | 23 - 24                                          | 25 - 26                                          | 27 - 28      | 29 - 30                                          | : 31                                             | D.B./W.B.  | Dry Bulb     | Wet Bulb                              | Dew Poin    |
| ~4/103           |     |                                                  |              |          |            |          |                                                  |              |             |              |                                                  |          |                                                  |                                                  |              |                                                  | • 3                                              | 6          | 6            |                                       |             |
| 101/57           |     |                                                  |              |          |            |          |                                                  |              |             |              |                                                  | l        | l                                                | L                                                |              |                                                  | . 5                                              | 9          | ¥            |                                       |             |
| 73/ 39           |     |                                                  |              |          |            |          |                                                  | i            |             |              |                                                  | }        | ł                                                | }                                                | ŀ            |                                                  | 1.5                                              | 27         | 27           |                                       |             |
| 73/ 97           |     |                                                  |              |          |            |          |                                                  |              |             |              | ļ                                                |          |                                                  |                                                  | ļ            | .1                                               |                                                  | 40         | 4C           |                                       |             |
| 26/ 95           |     |                                                  |              | }        | 1          |          |                                                  |              |             |              |                                                  |          | }                                                |                                                  | • 1          | .1                                               | 1                                                | )          | 52           | ļ                                     |             |
| 34/ 93           |     |                                                  |              |          |            |          | ļ                                                |              |             |              | ļ                                                | ļ        | ļ                                                | -1                                               | . 3          | - 6                                              | 2.0                                              |            | 52           | ļ <u>.</u>                            |             |
| 127 91           |     |                                                  |              |          | , ,        |          |                                                  |              |             |              | 1                                                |          | • 1                                              | • 1                                              | . 8          | 1.3                                              | 1                                                | 90         | 90           |                                       |             |
| 5/ 89            |     |                                                  |              |          |            |          |                                                  |              |             |              | <del></del>                                      | <u> </u> | <u> </u>                                         | • 3                                              | 1.0          | 2.5                                              | 3.C                                              | +          | 110          | <del> </del>                          |             |
| 38/ 87           |     | ] '                                              |              |          | ĺ          |          |                                                  |              |             | • 1          |                                                  | • 3      | • 4                                              | 8                                                | 1.7          | 1                                                | • 5                                              | 1 "        | 113          | }                                     |             |
| <u>46/85</u>     |     | <del> </del>                                     |              |          |            |          |                                                  |              |             | <b>-</b>     |                                                  | - 5      | 1.2                                              | 1.3                                              |              | 1.7                                              | .2                                               |            | 129          |                                       | <del></del> |
| 14/ 83           |     |                                                  |              | 1        | Ì          |          |                                                  | ,            |             | • 1          |                                                  | •2       | 1.3                                              | 1                                                | 2.2          | .7                                               | • •                                              | 109        | 119          | Ì                                     | ;           |
| F2/ 81<br>F3/ 79 |     | <del> </del>                                     |              |          |            | • 1      |                                                  |              | •1          | . 3          | 1.2                                              | .7       | 1.0                                              | 1.2                                              | . B          | •1                                               | <del></del>                                      | 93         | 93           |                                       |             |
| 75/ 77           |     |                                                  |              |          | 1 }        | • 1      | • 2                                              | • 1          | .1          | 9            |                                                  | 1.2      | 1.4                                              | 1.0                                              |              | ••                                               | ]                                                | 105        | 105          | 1                                     | :           |
| 76/ 75           |     | <del>                                     </del> |              |          |            | •1       | ••                                               | • ?          | . 4         |              |                                                  | 1.1      | .7                                               |                                                  |              |                                                  |                                                  | 85         | 85           | · · · · · · · · · · · · · · · · · · · |             |
| 74/ 73           |     | į                                                |              | ļ        | - 1        | 1        |                                                  | . 3          | . 7         |              | 1                                                | 1.2      | 1.0                                              |                                                  | "-           |                                                  |                                                  | 103        |              |                                       | ĺ           |
| 727 71           |     | ,                                                |              | • 2      | • 1        | •1       | • 3                                              |              |             |              | +                                                | .8       | • 3                                              |                                                  |              |                                                  |                                                  | 101        | 101          |                                       |             |
| 73/ 69           |     |                                                  |              | • 1      |            | • 2      | •6                                               | 1.1          | .6          | . 8          | .7                                               | . 4      | .1                                               | Ĺ                                                | Ĺ            | Ĺ                                                | Í                                                | 80         | 80           | 2                                     | <u> </u>    |
| 65/ 67           |     |                                                  | • 1          |          | • 2        | • 3      | • 5                                              | • 3          | 1.6         | 1.1          | • 5                                              | • 1      |                                                  | 1                                                | 1            |                                                  | -                                                | 93         | 93           | 23                                    |             |
| 46/ 65           |     | L                                                | • 1          | • 2      | • 3        | • 5      | •5                                               | • 3          | 1.0         | . 7          | • 2                                              |          |                                                  |                                                  |              |                                                  |                                                  | 67         | 67           | 61                                    | 1           |
| 64/ 63           |     |                                                  | • 1          |          | . 4        | • 3      | - 8                                              | .7           | • 6         |              | }                                                |          |                                                  | 1                                                | 1            | ļ                                                | }                                                | 54         | 54           | 138                                   | 3           |
| -2/ 61           |     |                                                  | . 1          | . 3      | -1         | • 3      | .6                                               | • 6          | • 5         | 3            | <b>↓</b> _                                       |          | ļ                                                | <b></b>                                          | <u> </u>     |                                                  |                                                  | 55         | 55           | 180                                   | 4           |
| 65/ 59           |     |                                                  | - 1          | • 5      | • 2        | • 2      | • 2                                              | • 3          |             | • 1          |                                                  |          |                                                  | 1                                                | 1            | ļ                                                |                                                  | 31         | 31           | 264                                   | 7           |
| 58/ 57           |     | -1                                               | • 1          | • 2      | • 2        | •1       | • 2                                              | • 1          | •1          | ļ            | <del> </del>                                     | <b> </b> | <del> </del>                                     | <b> </b>                                         | <del> </del> |                                                  | <b> </b>                                         | 19         | 19           | 267                                   | 8           |
| 56/ 55           | • 1 | • 1                                              | • 1          |          | •?         | • ?      | • 1                                              | • 1          |             |              |                                                  | 1        | 1                                                |                                                  | 1            |                                                  |                                                  | 17         | 17           | 250                                   | 19          |
| 54/ 53<br>52/ 51 |     | <del>                                     </del> | • 1          | • 1      | • 1        |          |                                                  | <b></b>      | <del></del> | <del></del>  | <del> </del> -                                   | <u> </u> |                                                  |                                                  | <del> </del> |                                                  | ·                                                | 7          | 7            | 196<br>155                            | 34<br>54    |
| 57/ 49           | ,   | -1                                               | • 1          | 1        | ĺ          | • 1      | [                                                | 1            |             | 1            | Í                                                | Ì        | Ì                                                |                                                  | l            | ì                                                |                                                  | 3          | 3            | 112                                   | 81          |
| 43/ 47           | • 1 | • 1                                              | - 1          | • 1      | • 1        |          | <del> </del>                                     |              |             | <del> </del> | <del> </del>                                     |          |                                                  | <del> </del>                                     | <del> </del> | <del>                                     </del> | <del>                                     </del> | 2          | 2            | 61                                    | 102         |
| 45/ 45           |     | • 1                                              |              |          | • 1        |          |                                                  |              |             | }            | ł                                                |          | ł                                                |                                                  | }            |                                                  | ]                                                | •          | -            | 35                                    | 122         |
| 44/ 43           |     | -                                                |              |          |            |          | <del> </del>                                     |              |             | <del> </del> | <del>                                     </del> |          | <del>                                     </del> | <del>                                     </del> |              |                                                  |                                                  |            |              | 9                                     | 137         |
| 42/ 41           |     | .1                                               |              |          |            |          |                                                  |              |             |              | }                                                | ]        |                                                  | ]                                                |              | ļ                                                | ]                                                | 1          | 1            | 4                                     | 172         |
| 4. / 39          |     | † - : •                                          |              |          |            |          | <del>                                     </del> |              |             |              | <b>†</b>                                         |          |                                                  |                                                  |              |                                                  |                                                  | T          |              | 2                                     | 189         |
| 30/ 37           |     | l                                                |              |          |            |          |                                                  |              |             |              | <u> </u>                                         |          |                                                  | <u> </u>                                         | <u> </u>     |                                                  | <u> </u>                                         | l          |              |                                       | 201         |
| Element (X)      |     | $\Sigma \chi^2$                                  |              |          | Σχ         |          | X                                                | $\sigma_{x}$ |             | No. O        | bs.                                              |          |                                                  |                                                  | Mean         | No. of t                                         | lours wi                                         | th Tempero | ture         |                                       |             |
| Rel. Hum.        |     |                                                  |              |          |            |          |                                                  |              | $\perp$     |              |                                                  | ≤01      | :                                                | 32 F                                             | ≥ 67         | F                                                | 73 F                                             | ≥80 F      | ≥ 93         | F                                     | Total       |
| Dry Buib         |     |                                                  |              |          |            |          |                                                  |              |             |              |                                                  |          |                                                  |                                                  | -            | -                                                |                                                  | <b></b>    | <del> </del> |                                       |             |
| Wet Bulb         |     |                                                  |              | <u> </u> |            |          |                                                  |              |             |              |                                                  |          |                                                  |                                                  |              |                                                  |                                                  | <b> </b>   | <del></del>  |                                       |             |
| David Balas      |     |                                                  | i i          | ì        |            | - 1      |                                                  | ı            | •           |              |                                                  |          | - 1                                              |                                                  | 1            | 1                                                |                                                  |            | 1            | 1                                     |             |

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|               |   |                  |       |          |                                              |        |          |                                                  |         |                                                  |             |         |         |                                                  |                |          |          |                |               |              | (LST)        |
|---------------|---|------------------|-------|----------|----------------------------------------------|--------|----------|--------------------------------------------------|---------|--------------------------------------------------|-------------|---------|---------|--------------------------------------------------|----------------|----------|----------|----------------|---------------|--------------|--------------|
| Temp.         |   | ,,               |       | ,        | ,,                                           |        |          | LB TEMPE                                         |         |                                                  |             |         |         | · · · · · · · · ·                                | <del>,</del> . |          |          | TOTAL          | <u> </u>      | TOTAL        |              |
| (F)           | 0 | 1 - 2            | 3 - 4 | 5 · 6    | 7 - 8                                        | 9 - 10 | 11 - 12  | 13 - 14                                          | 15 - 16 | 17 - 18                                          | 19 - 20     | 21 - 22 | 23 - 24 | 25 - 26                                          | 27 - 28        | 29 - 3   | 0 231    | D.8./W.8.      | Dry Bulb      | Wet Bulb     | Dew Poin     |
| 36/ 35        |   |                  |       |          |                                              |        |          |                                                  |         | 1                                                |             |         |         |                                                  |                |          |          |                |               | 1            | 181          |
| 34/ 33        |   |                  |       |          |                                              |        |          |                                                  |         | <u> </u>                                         |             |         |         | <u> </u>                                         |                |          |          |                |               | <u> </u>     | 140          |
| 32/ 31        |   |                  |       |          |                                              |        |          |                                                  |         |                                                  |             |         |         | ļ                                                |                |          |          | İ              |               | 1            | 122          |
| 30/ 29        |   | !                |       |          |                                              |        |          |                                                  |         | ļ. <u> </u>                                      |             |         |         |                                                  |                |          |          |                |               |              | 71           |
| 28/ 27        |   |                  |       |          |                                              |        |          | [ [                                              |         |                                                  |             |         |         | !                                                | ĺ              |          | Ì        | [              |               | Ì            | 63           |
| 26/ 25        |   |                  |       |          |                                              |        |          |                                                  |         | L                                                |             |         |         |                                                  |                |          | ļ        | İ              |               |              | 27           |
| 24/ 23        |   |                  |       |          |                                              | ļ      |          |                                                  |         | }                                                |             |         |         | 1                                                |                |          | 1        |                |               | ì            | 22           |
| 72/ 21        |   |                  |       |          |                                              |        |          |                                                  |         |                                                  |             |         |         |                                                  |                |          |          |                |               |              | 11           |
| 73/ 19        |   |                  |       |          |                                              |        |          |                                                  |         | 1                                                |             | i<br>!  |         | l                                                |                |          | 1        |                |               | į            | ς.           |
| CTAL          | 2 | . 4              | . 8   | 1.7      | 1.9                                          | 2.7    | 4.0      | 5.5                                              | 6.2     | 8.5                                              | 3.0         | 7.4     | 9.2     | 8.5                                              | 10.6           | 9.       | 315.2    |                | 1778          |              | 1775         |
| i             |   |                  |       |          |                                              | İ      |          |                                                  |         |                                                  | 1           |         |         |                                                  |                |          |          | 1778           |               | 1778         | ı            |
| 1             |   |                  |       |          | ! }                                          | l      |          |                                                  |         | ĺ                                                |             |         |         |                                                  | ]              |          |          | j              |               |              | !            |
|               |   |                  |       |          |                                              |        |          |                                                  |         |                                                  |             |         |         |                                                  |                |          |          |                |               |              | i            |
|               |   |                  |       |          |                                              |        |          | !!!                                              |         |                                                  | ,<br>1      |         |         |                                                  |                |          | į        |                | !             |              |              |
|               |   |                  |       |          |                                              |        |          |                                                  |         |                                                  |             |         |         |                                                  |                |          |          |                |               |              |              |
| ł             |   |                  |       |          | i I                                          | }      |          | i                                                |         |                                                  |             |         |         |                                                  |                |          | Į        |                |               | 1            |              |
|               |   |                  |       |          |                                              |        |          |                                                  |         | 1                                                |             | 1       |         |                                                  |                |          | 1        |                |               |              |              |
| 1             |   |                  |       |          |                                              |        |          | ] :                                              |         |                                                  | !<br>!      | i       |         |                                                  |                |          |          |                |               |              | į            |
|               |   |                  |       | -        |                                              |        |          |                                                  |         | 1                                                | ,           | i       |         |                                                  |                |          | 1        | i              |               | 1            | •            |
|               |   |                  |       | i I      |                                              | i      |          |                                                  |         | 1                                                | l<br>I      |         |         | ;                                                |                |          |          |                |               |              | :            |
| <del></del> † |   |                  |       |          |                                              |        |          |                                                  | -       | <del></del>                                      |             |         |         | 1                                                | 1              |          |          |                |               | *            | 1            |
| 1             |   |                  |       |          | !!                                           |        |          | )                                                |         | ļ                                                | :           |         |         | j                                                |                |          | j        | )              |               | 1            |              |
|               |   |                  |       |          |                                              |        |          |                                                  |         | 1                                                |             |         |         | 1                                                | 1              |          | 1        |                |               |              | •            |
|               |   |                  |       |          |                                              |        |          | 1                                                |         |                                                  |             |         |         | :                                                |                | İ        |          |                |               |              | I            |
|               |   |                  |       |          |                                              |        |          | 1                                                |         |                                                  | 1           | -       |         | <del> </del>                                     |                |          | 1        |                |               | <del>-</del> |              |
|               |   |                  |       |          |                                              |        |          |                                                  |         | ŀ                                                | !           |         |         | 1                                                | 1              |          | 1        | !              |               |              |              |
|               |   |                  |       |          |                                              |        |          | 1                                                |         | <del> </del>                                     |             |         |         |                                                  | <b>†</b>       |          | <u> </u> | <b></b>        |               | <b>.</b>     | <del>-</del> |
|               |   |                  |       |          |                                              |        |          | i ļ                                              |         | ì                                                | ĺ           |         |         | !                                                | -              |          | -        |                |               |              |              |
|               |   |                  |       | <b>-</b> |                                              |        |          | <del>                                     </del> |         | <del> </del>                                     |             |         |         | 1                                                | <b></b> -      | <u> </u> | +        | <del> </del> - | <del></del> - | <del> </del> | <del> </del> |
|               |   |                  |       |          |                                              |        |          | [                                                |         | İ                                                | 1           |         |         | ľ                                                | į į            |          |          |                |               | *            | -            |
| <del></del>   |   |                  |       |          |                                              |        |          | <del>   </del>                                   |         | <del>                                     </del> | <del></del> |         |         | <del>                                     </del> |                |          | +        |                |               | <del> </del> | <del> </del> |
|               |   |                  |       |          |                                              |        |          | , ,                                              |         | 1                                                |             |         |         | j                                                | ) [            |          | j        |                |               | :            | 1            |
|               |   |                  |       |          | <del>  -  </del>                             |        |          |                                                  |         | <del>                                     </del> | L           |         |         | -                                                |                |          | +        |                |               | ·            | <del> </del> |
|               |   |                  |       |          | <u>.                                    </u> |        | L        | لـــا                                            |         |                                                  | <u> </u>    |         |         |                                                  |                |          |          | L              |               |              | <u> </u>     |
| Element (X)   |   | $\Sigma_{X}^{2}$ |       |          | Σx                                           |        | <u> </u> | σ <sub>x</sub>                                   |         | No. Ol                                           |             |         |         |                                                  |                |          |          | h Tempera      |               |              |              |
| Rel. Hum.     |   |                  | 2927  |          | 48587                                        |        |          | 14.9                                             |         |                                                  |             | ± 0 F   |         | 32 F                                             | ≥ 67           |          | ≥73 F    | ≥80 F          | ≥93           |              | Total        |
| Dry Bulb      |   | 1130             |       |          | 40385                                        |        |          | 11.0                                             |         | 17                                               |             |         |         |                                                  |                |          | 519.7    | 375.           | 77            |              | 744.0        |
| Wet Bulb      |   |                  | 1069  |          | 00725                                        |        | 6.7      |                                                  |         | 17                                               |             |         | _       |                                                  | 10             | •5       |          |                |               |              | 744.C        |
| Dew Point     |   | 295              | 514R  | ,        | 69992                                        | - T    | 9.4      | 7 . 49                                           | 146     | 17                                               | 7 2         |         | 1       | 34.3                                             | I              | 1        |          | I              | i             | ı            | 744.0        |

73-75,77-82 PAGE 1 
 WET BULB TEMPERATURE DEPRESSION (F)
 TOTAL
 TOTAL

 0
 1 ⋅ 2
 3 ⋅ 4
 5 ⋅ 6
 7 ⋅ 8
 9 ⋅ 10
 11 ⋅ 12
 13 ⋅ 14
 15 ⋅ 16
 17 ⋅ 18
 19 ⋅ 20
 21 ⋅ 22
 23 ⋅ 24
 25 ⋅ 26
 27 ⋅ 28
 29 ⋅ 30
 ≥ 31
 D.B./W.B.
 Dry Bulb
 Wet Bulb
 Dew Point

|             |                   |          |                                                  |                                        |     |     |                |     |          |     |              |     | _          |                                        |           |          |            |       |                   |      |
|-------------|-------------------|----------|--------------------------------------------------|----------------------------------------|-----|-----|----------------|-----|----------|-----|--------------|-----|------------|----------------------------------------|-----------|----------|------------|-------|-------------------|------|
| 98/ 97      |                   |          |                                                  |                                        |     |     |                |     |          |     |              |     |            |                                        |           | • 1      | 1          | 1     |                   |      |
| 95/ 95      |                   |          | <u> </u>                                         |                                        |     |     |                |     |          |     |              |     |            |                                        |           | • 5      | 12         | 12    |                   |      |
| 94/ 93      |                   | 1        |                                                  |                                        |     |     |                |     |          |     |              |     | ]          |                                        | • 4       | 1.1      | 24         | 24    |                   |      |
| \$27 91     |                   |          | <b> </b>                                         |                                        |     |     |                |     | <b> </b> |     |              |     | <u> </u>   | . 3                                    | . 6       | • ?      | 28         | 28    |                   |      |
| 207 89      |                   |          |                                                  |                                        | 1   |     |                |     | į        |     |              |     | • 1        | • 3                                    | . 4       | 1.6      | 3 8        | 38    | 1                 |      |
| 15/ 87      |                   | <u> </u> |                                                  |                                        |     |     |                |     |          |     | -            |     | . 4        | 1.3                                    | 1.3       | 1.1      | 64         | 64    |                   |      |
| 167 85      |                   |          |                                                  |                                        |     |     |                |     |          |     |              | . 1 | •7         | 1.7                                    |           | • 1      | 70         | 70    | 1                 |      |
| 94/ 83      |                   |          | <u> </u>                                         |                                        |     |     |                |     |          |     | • 3          | .6  | 1.1        |                                        | • 6       |          | 63         | 63    |                   |      |
| ^?/ 81      |                   |          |                                                  |                                        |     |     |                |     |          | • 1 | 1            | .7  | 2.0        |                                        | . 3       |          | 77         | 77    | Ì                 |      |
| 13/ 79      |                   |          |                                                  | 1                                      |     |     |                |     | • 3      |     |              | 1.5 | 1.6        |                                        | • 1       |          | 93         | 93    | $\longrightarrow$ |      |
| 73/ 77      | Į                 |          |                                                  |                                        |     |     |                | • 1 | • 1      | • 5 |              | 1.9 |            | •1                                     | ļ         |          | 86         | 86    |                   |      |
| 76/ 75      | <b>_</b>          |          | 1                                                |                                        | • 1 |     | • 1            | • 2 | • 6      |     |              | . 9 | .6         |                                        |           |          | 76         | 76    |                   |      |
| 747 73      |                   |          |                                                  |                                        |     | • 1 | • 1            | • 3 | ł .      | l . |              | 1.0 | • 3        |                                        |           |          | 76         | 76    | Ì                 |      |
| 72/ 71      |                   |          |                                                  |                                        |     | • 1 | • 3            | • 3 | 1.1      |     |              | • 7 | .1         | ļ                                      | <b> </b>  |          | 86         | 86    |                   |      |
| 707 69      |                   |          | }                                                |                                        | • 1 | • 3 | • E            | • 6 |          |     | 1            | • 2 |            | İ                                      | <b>\</b>  |          | 86         | 86    | į                 |      |
| 42/ 67      |                   | • 1      |                                                  | • 1                                    | • 1 | . 1 | • 5            |     |          | 1.3 |              | .1  | ļ          | ļ                                      | <b>-</b>  |          | 106        | 106   | +                 |      |
| 16/ 65      | . 1               | • 2      | • 1                                              | • 3                                    | •1  | .4  | • 7            | 1.6 | 1.1      | • 6 | *            |     |            | !                                      |           |          | 83         | 8 3   | 2                 |      |
| -4/ 63      | -                 |          | ļ <u></u>                                        | • 2                                    | .4  | .8  |                |     | . 8      | - 3 |              |     |            | ļ                                      |           |          | 79         | 79    | 22                | 1    |
| 627 61      | i l               | 1 .2     |                                                  | 1 1                                    | • 4 | 1.0 |                |     | - 6      |     |              |     |            | ]                                      |           |          | 70         | 70    | 73                | 3    |
| 607 59      | -                 |          |                                                  |                                        | .4  | . 8 |                |     | • 1      | •1  | <del> </del> |     | ļ <u>.</u> | ļ                                      |           |          | 68         | 68    | 116               | 3    |
| 587 57      | •                 | 1        |                                                  | • 2                                    | • 5 | 1.0 |                | . 4 |          |     |              |     |            | ĺ                                      |           |          | 58         | 58    | 166               | 4    |
| 55/ 55      |                   | 2 .1     | . 3                                              |                                        | 1.3 | .5  | 1.0            |     | ļ        |     | <del> </del> |     |            |                                        | <b> </b>  |          | 61         | 61    | 201               | 9    |
| F4/ 53      | •                 | - 1      |                                                  | • 4                                    | • 7 | •5  | . 4            | • 1 |          |     |              |     |            |                                        | 1         |          | 42         | 42    | 199               | 14   |
| °2/ 51      |                   | . 4      | • 3                                              | • 6                                    | • 5 | • 6 | • 3            | L   | ļ        |     | ł. — - i     |     |            | <b> </b>                               | <b></b> - |          | 48         | 48    | 164               | 15   |
| 50/49       | •                 | 1        |                                                  | • 4                                    | •5  | • 3 | • 1            |     |          |     |              |     |            |                                        |           | İ        | 27         | 27    | 186               | 22   |
| 45/ 47      |                   |          | • 2                                              | • 3                                    | •1  | 3   |                |     | ļ        |     |              |     |            | ļ                                      |           |          | 19         | 19    | 127               | 31   |
| 45/ 45      |                   | • 1      |                                                  |                                        | • 1 |     |                |     |          |     |              |     |            | ļ                                      |           |          | 12         | 12    | 119               | 66   |
| 44/ 43      |                   |          |                                                  | • 3                                    |     |     |                |     | ļ        |     |              |     |            |                                        | <b> </b>  |          | 8          | 8     | 8.2               | 80   |
| 42/41       |                   | • 1      | )                                                | • 3                                    |     |     |                |     | 1        |     |              |     |            |                                        |           |          | 7          | 7     | 54                | 87   |
| 41/39       |                   |          | 1                                                | •1                                     |     |     |                |     | ļ        |     | <u> </u>     |     |            | ļ                                      |           | <u> </u> | - 2        | 2     | 30                | 127  |
| 75/ 37      | •                 | 1        |                                                  |                                        |     |     |                |     | 1        |     |              |     |            |                                        |           |          | 2          | 2     | 16                | 212  |
| 35/ 35      |                   | 1        | <del> </del>                                     | <b>-</b>                               |     |     |                |     |          |     | <b>_</b>     |     | ļ          | ļ                                      |           |          | 1          | 1     | 10                | 176  |
| 347 33      |                   |          |                                                  |                                        | l   |     |                |     |          |     |              |     |            |                                        |           |          | 1          |       | 5                 | 189  |
| 22/ 31      |                   |          | <b> </b>                                         | نـــــــــــــــــــــــــــــــــــــ |     |     | لــــــا       | Ц   | Ц        | Щ-, |              |     |            | ــــــــــــــــــــــــــــــــــــــ |           |          |            |       |                   | 145  |
| Element (X) | $\Sigma_{\chi^2}$ |          | <del>                                     </del> | Σχ                                     |     | X   | σ <sub>x</sub> |     | No. Ol   | 15. |              | -T  |            |                                        |           |          | h Temperah |       |                   |      |
| Rel. Hum.   |                   |          | <del> </del>                                     |                                        |     |     |                |     |          |     | ≤ 0 F        | -+: | 32 F       | ≥ 67                                   | F   '     | :73 F    | ≥80 F      | ≥93 F | <u></u>           | otal |
| Dry Bulb    |                   |          | I                                                |                                        | - 1 |     | 1              |     |          |     |              | - 1 |            | 1                                      |           | 1        |            | ŀ     | 1                 |      |

Dry Bulb

| TATION                                | FA | LLON             | , NV         |          | TATION NA                                        | WF                                               |                |                |              | 73           | -75,           | 77-9    | 2       | <del>-</del>      | EARS      |             |                |                |          | <u>S E</u>   |                  |
|---------------------------------------|----|------------------|--------------|----------|--------------------------------------------------|--------------------------------------------------|----------------|----------------|--------------|--------------|----------------|---------|---------|-------------------|-----------|-------------|----------------|----------------|----------|--------------|------------------|
| DIA I PAN                             |    |                  |              | •        | FrATIUR MA                                       |                                                  |                |                |              |              |                |         |         | *                 | 43        |             |                |                |          | _            |                  |
|                                       |    |                  |              |          |                                                  |                                                  |                |                |              |              |                |         |         |                   |           |             |                |                |          | PAGE         | 7<br>LST /       |
| Temp.                                 |    |                  |              |          |                                                  |                                                  | WET BU         | ILB TEMP       | ERATURE      | DEPRES       | SION (F)       |         |         |                   |           |             |                | TOTAL          |          | TOTAL        |                  |
| (F)                                   | 0  | 1 . 2            | 3 - 4        | 5 - 6    | 7 - 8                                            | 9 - 10                                           |                |                |              |              |                | 21 - 22 | 23 - 24 | 25 - 26           | 27 - 28   | 29 - 30     | ≥ 31           | D.B./W.B.      | Dry Bulb |              | Dew Poin         |
| 1 29                                  |    |                  |              |          | 1                                                |                                                  |                |                | 1            |              |                |         |         |                   |           |             |                |                |          |              | 119              |
| 25/ 27                                |    |                  |              |          |                                                  | L                                                |                |                | <u> </u>     |              |                |         |         |                   |           |             |                |                |          |              | 89               |
| 201 25                                |    |                  |              |          |                                                  |                                                  |                |                |              |              |                |         |         |                   | ,         |             | )              |                |          |              | 66               |
| 4/ 23                                 |    | <b></b>          |              |          | <b></b> -                                        | ļ                                                |                | <del> </del>   | <del> </del> |              |                |         |         |                   | -         |             |                |                |          | ļ            | 55               |
| 2/ 21                                 |    | }                | ļ            |          |                                                  | ĺ                                                |                |                |              |              |                |         |         |                   | Ì         |             |                |                |          | }            | 31               |
| 19                                    |    | <del> </del>     |              |          |                                                  |                                                  |                | <del> </del>   |              |              |                |         |         |                   |           |             |                |                |          |              | 2.2              |
| 15/ 17<br>15/ 15                      |    |                  |              |          |                                                  |                                                  |                |                |              |              |                |         |         |                   |           | )           |                | 1              |          | !            | 11               |
| 12/ 11                                |    | <del> </del>     |              |          | <del>                                     </del> |                                                  | <del> </del>   | <del> </del>   | <del> </del> |              |                |         |         |                   | ·         |             | 1              | <del> </del> - |          |              | 1                |
| 746                                   |    | 1.0              | 2.2          | 2.6      | 4.3                                              | 5.5                                              | 6.7            | 8.4            | 8.8          | 8.5          | 8.9            | 8.5     | 7.6     | 7.9               | 7.6       | 5.6         | 5.7            |                | 1573     |              | 1577             |
|                                       |    | 1                |              |          | 1                                                |                                                  | 1              |                | 1-1          | ,            |                |         |         |                   |           |             |                | 1573           |          | 1573         |                  |
|                                       |    | i                |              |          |                                                  |                                                  |                |                | <u> </u>     |              |                |         |         |                   |           |             |                | L              |          | i            |                  |
|                                       |    |                  |              |          | !                                                | }                                                |                |                |              | İ            | 1              |         |         | !<br><b>!</b>     |           |             | !              |                |          |              |                  |
|                                       |    | <u> </u>         |              |          | ļ                                                | <u> </u>                                         | -              | <b></b>        | ļ            |              | ļ              |         |         |                   |           |             | <u></u>        |                |          | ļ            |                  |
| į                                     |    |                  | Ì            | 1        | į                                                | i                                                |                | 1              | ł            | ì            |                |         |         |                   |           |             | )              | [              |          | Í            | I                |
|                                       |    | <del> </del>     |              |          |                                                  |                                                  | <del>├</del> - | <del> </del>   | ╁──          | <del> </del> | ļ              |         |         | ·                 | }         |             |                | <b></b>        |          | <del> </del> |                  |
| !                                     |    |                  | i<br>I       | 1        | 1                                                |                                                  |                |                | l            |              |                |         |         |                   | į         |             |                | :              |          | į            | :                |
| · · · · · · · · · · · · · · · · · · · |    |                  |              | <b></b>  |                                                  |                                                  | <del> </del> - | <del> </del> - | <del> </del> | <del> </del> |                |         |         |                   |           |             | <del></del>    | <del></del>    |          |              |                  |
| 1                                     |    | į                |              |          |                                                  |                                                  |                |                |              | 1            | r<br>1         |         |         |                   |           |             | i              | 1              |          |              | 1                |
|                                       |    | 1                |              |          | <u> </u>                                         | 1                                                | <del> </del>   |                |              | <u> </u>     | <u> </u>       |         |         |                   |           |             | •              | •              |          | •            |                  |
| ı<br>L                                | _  | į .              |              |          |                                                  | <u> </u>                                         | <u> </u>       | Ĺ              | Ĺ            | İ            | i              |         |         |                   | 1         |             |                |                |          |              |                  |
|                                       |    | 1                |              | }        |                                                  |                                                  |                | Ţ.             |              |              | 1              |         |         | ĺ                 |           |             |                |                | •        |              |                  |
|                                       |    | <del> </del>     | <b></b>      |          |                                                  |                                                  |                | <del> </del>   | ļ. <u>.</u>  | <u> </u>     | i<br>          |         |         |                   | <u> </u>  |             | <u> </u>       | <u> </u>       |          |              | ,                |
|                                       |    | 1                | <u> </u>     | }        | 1                                                |                                                  |                | }              | }            | }            | ,              |         |         |                   | Ĺ         |             | İ              | ı              |          |              | ŀ                |
|                                       |    | <del> </del>     | <del> </del> | <b>}</b> | ļ                                                |                                                  | ļ              | <del> </del>   | <del> </del> | <b>ļ</b>     |                |         |         | Ĺ                 | <b></b> _ | <del></del> | <del> </del> - | <del></del> -  |          |              |                  |
|                                       |    | 1                | ļ            | {        |                                                  |                                                  |                | }              | }            | 1            |                |         |         |                   | 1         |             |                |                |          |              |                  |
|                                       |    |                  |              |          | <del> </del>                                     | <del> </del> -                                   | +              | +              | <del> </del> |              | <del> </del> - |         |         |                   |           |             | <del> </del>   | <del> </del>   |          | <del></del>  | <del>-</del>     |
| Í                                     |    |                  |              | (        |                                                  |                                                  |                |                |              | ĺ            |                |         |         |                   |           |             | }              |                |          |              |                  |
|                                       |    | T                |              | <b></b>  |                                                  | <del>                                     </del> |                |                | 1            |              |                |         |         |                   |           |             |                |                |          | <del></del>  |                  |
| ĺ                                     |    | į                |              | -        | 1                                                | 1                                                | 1              |                | 1            |              | (<br>(         |         |         |                   | }         |             | }              |                |          | }            |                  |
|                                       |    | 1                |              | <u> </u> |                                                  |                                                  |                |                |              |              |                |         |         |                   |           |             |                |                |          | !            | 1                |
|                                       |    |                  | <u> </u>     |          |                                                  | <u> </u>                                         |                |                |              |              |                |         |         |                   | <u> </u>  |             | <u> </u>       |                |          | L            |                  |
| lement (X)                            |    | $\Sigma_{X}^{2}$ |              |          | ΣX                                               | $-\downarrow$                                    | X              | σ <sub>x</sub> |              | No. Of       |                |         |         |                   |           |             |                | h Tempera      |          |              |                  |
| Rel. Hum.                             |    |                  | 7158         |          | 4864                                             |                                                  |                | 16.4           |              | 15           |                | 10°     |         | 32 F              | ≥67       |             | 73 F           | ≥80 F          | ≥93      |              | Total            |
| Dry Bulb                              |    |                  | 9744         |          | 1137                                             |                                                  |                | 12.2           |              | 15           |                |         |         |                   |           | . 3 3       | Z4.1           | 190.           | 16       |              | 720.0            |
| Wet Bulb  Dew Point                   |    |                  | 3223<br>1961 |          | 8152<br>5543                                     |                                                  | 1.3            | 7.5            |              | 15<br>15     |                |         | -       | <u>.5</u><br>46.7 |           |             |                |                | +        |              | 720.0<br>720.0   |
| DEM FOINT                             |    | 7 34             | 7 4 0 1      |          | 2243                                             | <u>د ا د</u>                                     | 306            | 1103           | 46           |              | 13 1           |         | 16      | 70 0 /            | L         |             |                |                |          |              | <u>, 2 0 0 0</u> |

| STATION               | FA  | LLUN          | , NV  |       | TATION NAM |        |          |                |          |               | - 92     |         |         | YE      | ARS              |        |       |                                                  |                | O C           |           |
|-----------------------|-----|---------------|-------|-------|------------|--------|----------|----------------|----------|---------------|----------|---------|---------|---------|------------------|--------|-------|--------------------------------------------------|----------------|---------------|-----------|
|                       |     |               |       |       |            |        |          |                |          |               |          |         |         |         |                  |        |       |                                                  | P              | ASE 1         | 1         |
|                       |     |               |       |       |            |        |          |                |          |               |          |         |         |         |                  |        |       |                                                  |                | HOURS         |           |
| Temp.                 |     | ,             |       |       |            |        | WET BU   |                |          |               |          |         |         |         |                  |        |       | TOTAL                                            |                | TOTAL         |           |
| (F)                   | 0   | 1 - 2         | 3 - 4 | 5 · 6 | 7 - 8      | 9 - 10 | 11 - 12  | 13 - 14        | 15 - 16  | 17 - 18       | 19 - 20  | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 2        | 9 - 30 | ≥ 31  | D.B./W.B.                                        | Dry Bulb       | Wet Bulb      | Dew Point |
| 65/ 61                |     | }             |       |       |            |        | ;        |                |          |               |          | !       |         |         | i                |        | • 1   | 1                                                | 1              |               |           |
| 0 / 80                |     |               |       |       | <b></b>    |        |          |                |          |               |          |         |         |         |                  |        |       | 2                                                | 2              |               |           |
| 18/ 87                |     |               |       |       |            |        |          |                |          |               |          |         | İ       |         | • 2              | • 5    | • 1   | 14                                               | 14             | ł             |           |
| 767 85<br>747 83      |     | <del> </del>  |       |       |            |        |          |                |          |               |          |         |         |         | . 6              | • 2    | • 1   | 16                                               | 16             |               |           |
| 27/ 81                |     |               | }     |       |            |        |          |                |          |               |          | }       | •1      | . 4     | 9                | .1     |       | 26                                               | 26             | l<br>i        |           |
| 7 79                  |     | <del> </del>  |       |       |            |        |          |                |          |               |          | •2      | . 3     | . 9     | . 7              | **     |       | 36                                               | 36             |               |           |
| 76/ 77                |     |               |       | i     |            |        | ]        |                |          |               | • 1      | .4      | .7      | . 9     | . 1              |        |       | 43                                               | 40             | 1             |           |
| 75/ 75                |     | <u> </u>      |       |       |            |        |          |                |          | . 1           | • 2      |         | .9      | .7      | . 1              |        |       | 52                                               | 5.2            |               |           |
| 74/ 73                |     |               |       |       |            |        | 1 (      |                |          | • 2           | .6       | 1.1     | 1.1     | . 2     | 1                | i      |       | 59                                               | 59             | !             |           |
| 72/ 71                |     |               |       |       |            |        |          |                | . 1      | . 7           | 1.4      | 1.5     | • 5     |         |                  |        |       | 75                                               | 75             |               |           |
| 75/ 69                |     |               |       |       |            |        |          |                | . 5      | 1.1           | 1.6      | 1.1     | • 2     | • 1     |                  |        |       | 85                                               | 85             |               |           |
| 65/ 67                |     |               |       |       |            |        |          | • 5            | . 5      | 1.0           | 1.4      | • 5     |         |         |                  | 1      |       | 67                                               | 67             | 1             |           |
| 66/ 65                |     |               |       |       |            | • 1    | • 1      | • 6            | . 8      | 1.4           | 1.0      | • 3     |         |         |                  |        |       | 78                                               | 78             |               |           |
| 44/ 63                |     |               |       |       | 1          | • 2    | • 2      | 1.0            |          |               | • 7      | • 2     |         |         | ì                | Ì      |       | 95                                               | 95             |               |           |
| 52 / 61               |     | L             |       |       | • 1        | • 2    | . 7      | 1.0            |          |               | • 1      | ļ       |         |         |                  |        |       | 83                                               | 83             |               |           |
| 107.59                | 1   | - 1           |       | • 1   | • 2        | •2     | 1.C      | 1.6            |          | . 8           |          |         |         |         | 1                | j      |       | 100                                              | 100            | 5             |           |
| F3/ 57                |     | <u> </u>      |       | 1     | • 3        | • 6    | 1.3      | 1.5            | 1.4      | • 3           |          |         |         |         |                  |        |       | 100                                              | 100            | 27            |           |
| 56/ 55                |     |               | • 1   | . 1   | • 2        | 1.1    |          | 1.8            | . 9      | • 2           |          | !       |         |         | 1                | - [    |       | 114                                              | 114            | 61            | 1         |
| (4/ 53                |     | <b>-</b>      | • •   | • 2   | . 9        | • 0    | 2.2      | 1.7            | • 1      |               | <u> </u> |         |         |         |                  |        |       | 91                                               | 101            | 122           |           |
| 527 51<br>507 49      | ,   | • 1           | • 1   | • 2   | 1.1        | 1.5    | 1.4      | • 5            |          |               |          |         |         | İ       |                  |        |       | 91                                               | 94             | 179           | 3         |
| 43/ 47                | • 1 | • 3           | • 5   | • 5   |            | 1.5    | . 9      | • 1            |          |               |          | -       |         |         |                  |        |       | 98                                               | 88             | 162           | 12        |
| 46/ 45                | • 1 | •,            | . 4   | 1.1   | 1.1        | 1.7    | ž        | • •            |          |               |          |         |         |         |                  |        |       | 93                                               | 83             | 186           | 15        |
| 44/43                 |     | • 1           | . 8   | 1.0   | 1.1        | , a    |          |                |          |               |          |         |         |         |                  |        |       | 69                                               | 69             | 196           | 21        |
| 42/ 41                | • 2 | •             | . 5   | 1.7   | 1.1        | . 4    |          |                |          |               |          |         |         | ļ       |                  |        |       | 68                                               | 68             | 173           | 43        |
| 47/ 39                |     | • 3           | • 7   | 1.0   | 1.0        | • 2    |          |                |          |               |          |         |         |         |                  |        |       | 59                                               | 59             | 154           | 87        |
| 34/ 37                | • 1 | • 1           | .6    | 1.1   | . 4        | 1      |          |                |          |               |          | L       |         |         |                  |        |       | 42                                               | 42             | 121           | 112       |
| 36/ 35                | • 1 | . 3           | • 5   | . 7   | • 2        |        |          |                |          | ]             |          | ]       |         |         |                  |        |       | 32                                               | 32             | 97            | 163       |
| 34/ 33                |     | • 2           | • 7   | • 3   | . 1        |        |          |                |          |               |          |         |         |         |                  |        |       | 22                                               | 22             | 67            | 170       |
| 72/ 31                |     | • 2           | . 4   | • 1   |            |        |          |                | '        |               | [        |         |         | İ       |                  | 1      |       | 12                                               | 12             | 61            | 180       |
| 70/29                 | • 1 | • 3           |       | • 1   |            |        |          |                |          |               |          | -       |         |         |                  |        |       | 11                                               | 11             | 33            | 202       |
| 29/ 27                | • 1 | •2            | • ?   | • 1   |            |        | 1        | 1              |          | 1             | 1        |         |         | }       | 1                | }      |       | 9                                                | 9              | - 4           | 199       |
| 26/ 25                | . 1 |               | L     |       | المسل      |        | Ļ        | -              |          | N- C          | Щ.,      |         | لـــــا |         | 44               | 4 14   |       | 2                                                | 2              | 6             | 206       |
| Element (X)           |     | Σχ²           |       |       | Σχ         | +      | <u>x</u> | σ <sub>x</sub> | -+-      | No. Ot        | 25.      | = 0 F   |         | 32 F    | Mean N<br>≥ 67 F |        | 73 F  | th Tempera<br>≥80 F                              | 10re<br>≥ 93 F | <del></del> - | Total     |
| Rel. Hum.<br>Dry Bulb |     | <del></del> - |       |       |            | +-     |          |                |          |               |          | 207     | +-      | 32 F    | -9/ F            | +-     | , 3 F | - 50 F                                           | - 73 F         |               | 10101     |
| Wet Bulb              |     |               |       |       |            | -+-    |          |                | $\dashv$ | <del></del> , |          |         |         |         |                  | +-     |       | <del>                                     </del> | +              | +             |           |
| WAL BOID              |     |               |       | l     |            |        |          |                | -+       |               |          |         |         |         |                  | +      |       | <del> </del>                                     | -+             | +             |           |

SER V COM

| STATION      | FA  | LLON            | • MA  |       | TATION NA    | W E    |              |                                                  |         | 73           | <del>-</del> 32 |              |         | <del>-</del> | EARS         |                | ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              | ) C      | T<br>NTH      |
|--------------|-----|-----------------|-------|-------|--------------|--------|--------------|--------------------------------------------------|---------|--------------|-----------------|--------------|---------|--------------|--------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|---------------|
|              |     |                 |       |       |              |        |              |                                                  |         |              |                 |              |         |              |              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4            | PAGE     | 2<br>(L S Y ) |
| Temp.        |     | ·               |       |       |              |        | WET BU       | LB TEMP                                          | RATURE  | DEPRES       | SION (F)        |              |         |              |              |                | TOTAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              | TOTAL    |               |
| ( <b>F</b> ) | 0   | 1 - 2           | 3 - 4 | 5 - 6 | 7 - 8        | 9 - 10 | 11 - 12      | 13 - 14                                          | 15 - 16 | 17 - 18      | 19 - 20         | 21 - 22      | 23 - 24 | 25 - 26      | 27 - 28 29   | · 30 = 31      | D.B. W.B.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Dry Bulb     | Wet Bulb | Dew P         |
| 4/ 23        |     |                 |       |       |              |        |              |                                                  |         |              |                 | !            |         |              |              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              | <u> </u> | 16            |
| 2/ 21        |     |                 |       |       |              |        |              | <u> </u>                                         |         | L            |                 | :<br>        |         |              |              |                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |          | 11            |
| <b>19</b>    |     |                 |       |       | i I          |        | _            | -                                                |         |              |                 |              |         |              |              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              | ļ        | 7             |
| 2/ 17        |     |                 |       | ļ     | ļi           |        | <u> </u>     | <b></b>                                          |         | ļ            |                 |              | Li      |              | i            |                | <b>↓</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |          | +3            |
| 5/ 15        |     |                 |       |       | ! !          |        |              | !                                                |         | [            |                 |              |         |              |              | }              | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | •            | !        | 1             |
| 6/ 13        |     |                 |       |       | L            |        | ļ            | <b>}</b>                                         | ·       | <u> </u>     |                 | <b>!</b>     | }}      |              | <del> </del> |                | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |          | 1             |
| 2/ 11        |     |                 |       |       |              |        |              |                                                  |         | į            |                 | ĺ            |         |              | !            | i              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |          |               |
| 3/ 7         |     |                 |       |       | <del>├</del> |        |              | <del> </del>                                     |         | <del> </del> |                 | <del>!</del> | +       |              | <del></del>  |                | <del>:</del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              | ·        | ·             |
| TAL          |     | ٠,              | E 0   |       | 0 7          |        |              |                                                  |         |              |                 |              |         |              | 2            |                | .'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |          |               |
| 7 1          | • • | . • 4           | 2 • 4 | 702   | 70.          | 10.7   | 1100         | U                                                | 5.0     | 0.0          | ( • U           | 0.4          | 3.6     | 3 . 1        | 201          | .9 .1          | • • • • •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 153          |          | 18:           |
| 1            |     |                 |       |       |              |        |              |                                                  |         | !            |                 | i            |         |              | l i          | i              | 1513                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              | 15:3     |               |
|              |     |                 |       |       |              |        |              | <del>                                     </del> |         |              |                 |              |         |              | <del></del>  | <del></del>    | <del></del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              | ·        | +             |
| 1            |     |                 |       |       | i i          |        | :            |                                                  |         | ĺ            |                 | ř            |         |              |              |                | i                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |          |               |
|              |     |                 |       |       |              |        |              |                                                  |         |              |                 |              |         |              |              |                | <del>+</del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |          | •             |
| 1            |     |                 |       |       | ]            |        |              | ļ                                                |         | !            |                 |              |         |              |              | į              | İ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | :            | 1        |               |
|              |     |                 |       |       |              |        | <del>}</del> |                                                  |         |              |                 |              |         |              |              |                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              | •        |               |
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| !            | ,   |                 | '     |       |              |        | i            |                                                  |         |              |                 |              |         |              |              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |          |               |
|              |     |                 |       |       |              |        | ļ<br>}       |                                                  |         | ·<br>        |                 | •            | 1       |              | !<br>l       |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | :<br>        |          |               |
|              | ,   |                 |       |       | i            |        |              | i                                                |         | į.           |                 |              |         |              | 1            |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |          |               |
|              |     |                 |       |       |              |        | ļ            |                                                  |         |              |                 |              |         |              | i            |                | ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |          |               |
|              |     |                 |       |       | ]            |        |              | Ι,                                               |         | İ            |                 | :            | į       |              |              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |          |               |
|              |     |                 |       |       |              |        |              | <del></del>                                      |         |              |                 |              |         |              |              |                | <del></del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |          |               |
| }            |     |                 |       |       |              |        | ì            | 1                                                |         | }            |                 | i            | '       |              |              |                | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |          |               |
|              |     |                 |       |       |              |        | <del> </del> | <del> </del>                                     |         |              |                 |              | +       |              | <del> </del> |                | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | · ·          |          | •             |
|              | į   | ļ               |       |       | ]            |        |              |                                                  |         |              |                 | !<br>!       |         |              |              |                | i<br>I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |          |               |
|              |     |                 |       |       |              |        |              | <del> </del>                                     |         |              |                 |              |         |              | <del> </del> | <del></del>    | +                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |          |               |
|              |     |                 | 1     |       |              |        |              |                                                  |         |              |                 |              |         |              |              | i              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |          |               |
|              |     |                 |       |       |              |        | <u> </u>     | <b></b>                                          |         |              |                 |              |         |              |              |                | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |          | <del> </del>  |
| !            |     | ļ               | ļ     |       |              |        |              |                                                  |         |              |                 |              | 1       |              |              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |          | i<br>•        |
|              |     |                 |       |       | -            |        |              |                                                  |         |              |                 |              |         |              |              |                | + -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              |          |               |
| 1            |     |                 |       |       |              |        |              |                                                  |         |              |                 |              |         |              |              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |          | ĺ             |
| ement (X)    |     | $\Sigma \chi^2$ |       |       | Σχ           | $\Box$ | X            | σ <sub>χ</sub>                                   |         | No. Ol       | 8.              |              |         |              | Mean No      | of Hours w     | ith Tempera                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | lure         |          |               |
| Rel. Hum.    |     |                 | 1554  |       | 7167         |        |              | 19.3                                             |         | 18           |                 | ≤ 0 F        |         | 32 F         | ≥67 F        | ≥73 F          | ≥80 F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ≥ 93 1       |          | Total         |
| Dry Bulb     |     |                 | 7203  |       | 0511         |        |              | 12.0                                             |         | 18           |                 |              |         |              | 194.5        | 102.7          | 34.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1            |          | 744.          |
| Wet Bulb     |     |                 | 2298  |       | 8:55         |        |              | 7. 7                                             |         | 18.          |                 |              |         | 2.4          |              | <del> </del> _ | <del>                  _       _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _   _  </del> | <del> </del> |          | 744.          |
| Dew Point    |     | 169             | 8972  |       | 54423        | 2 2    | 9.7          | 6.7                                              | 12      | 18           | 3.3             |              | 4 8     | 9.5          | l _          | 1              | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | _l _         | L        | 744.          |

| STATION | FALLON, NV | 73-82 YEARS | N C V  |
|---------|------------|-------------|--------|
|         |            |             | PAGE 1 |

|             |     |                 |       |       |       |        |         |              |         |         |     |         |         |          |            |             |              |          | HOURS (  | LSY)     |
|-------------|-----|-----------------|-------|-------|-------|--------|---------|--------------|---------|---------|-----|---------|---------|----------|------------|-------------|--------------|----------|----------|----------|
| Temp.       |     | ·               |       |       |       |        |         | B TEMPE      |         |         |     |         |         | <b>,</b> |            | <del></del> | TOTAL        |          | TOTAL    | ·        |
| (F)         | 0   | 1 - 2           | 3 · 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14      | 15 - 16 | 17 - 18 |     | 21 - 22 | 23 - 24 | 25 - 26  | 27 - 28 21 | P - 30 ≥ 31 | <del></del>  | Dry Bulb | Wet Bulb | Dew Poin |
| 7. 1 77     |     | {               | 1     | }     |       | 1      |         | 1            |         | j       | • 1 | Ì       |         |          |            | Ì           | 1            | 1        |          |          |
| 75/ 75      |     |                 |       |       |       |        |         |              |         |         |     | • 1     |         | • 1      |            |             | 3            |          |          | ·<br>    |
| 747 73      |     |                 | . Ì   | Ì     | į     | ĺ      |         | {            | ſ       | . 1     |     | - [     | • 1     | • 1      |            | ĺ           | 4            | 4        |          |          |
| 72/ 71      |     | İ               |       |       |       |        |         |              |         | . 2     | .2  | • 2     | .1      | • 1      |            |             | 13           | 13       |          | ļ        |
| 7.7 59      |     | ]               | }     | }     | , ,   | }      |         | - 1          | - 1     | . 2     | • 2 | . 2     | • 1     |          |            |             | 11           | 11       |          |          |
| 6 1 67      |     |                 |       |       |       |        |         | • 1          | . 2     | . 3     | • 6 | . 2     |         |          |            |             | 24           | 24       |          | ·        |
| +61 65      |     |                 |       |       | -     |        |         | • 2          | . 6     | • 2     | • 6 | • 1     |         | 1        |            |             | 28           | 28       |          |          |
| -4/ 67      |     |                 |       |       |       |        | • 1     | • 3          | . 7     | .6      | • 1 | .1      |         |          |            |             | 42           | 42       |          |          |
| 12/ 61      |     |                 |       |       |       | . 1    | . 2     | 1.0          | . 9     | . 7     | • 1 | }       |         |          |            |             | 53           | 5 3      |          |          |
| 6 / 59      |     |                 |       | • 1   |       | • 1    | . 9     | • 6          | . 7     | .6      | • 1 | 1       |         |          |            |             | 56           | 56       | 1        |          |
| Fa. 57      |     |                 |       |       | • 2   | . 6    | . 7     | 1.5          | . 4     | • 3     | • 1 | - 7     |         |          | ]          | -           | 67           | 67       |          |          |
| 55/ 55      |     | <u> </u>        | ]     |       | . 3   | 1.1    | 1.7     | 1.4          | .6      | .1      |     |         |         | L        |            |             | 91           | 91       | 2        |          |
| 54/ 53      |     |                 |       | • 1   | • 3   | 1.2    | 1.5     | 1.4          | . 5     |         |     |         |         |          |            |             | 68           | 3.6      | 15       |          |
| 12/ 51      |     | 1 1             | . 1   | . 1   | . 5   | 1.3    | 1.3     | . 4          | . 1     |         | j   |         |         |          |            |             | 54           | 64       | 19       | i        |
| = / 47      |     | • 1             | .4    | • 2   | 1.2   | 1.8    | 1.0     | . 3          | .1      |         |     |         |         |          |            |             | 8.8          | 88       | 58       |          |
| 43/ 47      |     |                 | . 3   | . 7   |       | 2.5    | 1.2     | . 3          |         |         |     | 1       |         | 1 1      |            |             | 120          | 120      | 90       | 1        |
| 45/ 45      |     |                 | • 2   | . 7   |       | 1.9    | .6      | • 2          |         |         |     |         |         |          |            |             | 97           | 97       | 108      | 3        |
| 44/ 43      |     | • 2             | .6    | 1.6   | 1.6   | 1.7    | _ • 3   | 1            |         |         |     |         |         | L        |            |             | 94           | 94       | 131      | 12       |
| 42/ 41      | • 1 | . 4             | 1.3   | 1.7   | 1.3   | • 3    | • 5     |              |         |         |     |         |         |          |            |             | 109          | 109      | 142      |          |
| 40/ 39      | . 1 | . 3             |       | 2.1   |       | . 9    | . 1     |              |         |         |     |         |         |          |            | i           | 107          | 197      | 163      | 29       |
| 37/ 37      |     | • 3             | 1.6   | 2.3   | 1.2   | .3     |         |              |         |         |     |         |         |          |            |             | 101          | 101      | 158      | 60       |
| 76/ 35      | . 1 | . 4             | 2.2   | 1.7   | . 6   | . 3    |         | 1            | [       |         |     |         |         | l        |            | <u>\</u>    | 93           | 93       | 161      | 117      |
| 34/ 33      | • 1 | 1.1             |       | . 9   | . 8   | • 1    |         |              |         |         |     |         |         |          |            |             | 74           | 74       | 139      | 109      |
| 72/ 31      | . 3 | 1.1             |       | . 4   | . 3   |        |         | 1            |         |         |     | 1       |         |          |            |             | 9.7          | 82       | 132      | 133      |
| 77/ 24      | • 1 | 1.5             | 1.5   | . 3   | • 3   |        |         |              |         |         |     |         |         |          |            |             | 67           | 67       | 111      | 157      |
| 201 27      | . 2 | 1.4             | . 7   | . 7   | • 2   |        |         |              | ĺ       |         |     | 1       |         |          |            |             | 57           | 57       | 110      | 196      |
| 7-1 25      | • 1 |                 | • 6   | • 3   |       |        |         |              |         | ,       |     |         |         |          |            |             | 32           | 32       | 63       | 196      |
| 24/ 23      | . 1 | 1.0             | • 3   | • 1   | }     |        |         | \            |         |         |     |         |         |          | l          |             | 25           | 25       | 48       | 173      |
| .2/ 21      | • 2 |                 |       |       |       |        |         |              |         |         |     |         |         |          |            |             | 20           | 20       | 6.2      | 144      |
| 70/ 19      | . 2 | , ,             | 1 1   |       | }     |        |         |              | )       |         |     | }       |         | L ;      |            |             | 18           | 18       | 27       | 121      |
| 1:/ 17      |     | . 3             |       |       |       |        |         |              |         |         |     |         |         |          |            |             | 9            | 9        | ç        | 83       |
| 15/ 15      |     | • 2             | • 1   |       | }     |        |         |              |         |         |     | {       |         | [        |            |             | 1 4          | 4        | 14       | 51       |
| 14/ 13      |     | • 2             |       |       |       |        |         |              |         |         |     |         |         |          |            |             | 4            | 4        | 5        | 48       |
| 12/ 11      |     | . 2             |       |       |       |        |         |              | }       |         | ]]  | }       |         |          |            |             | 3            | 3        | 4        | 29       |
| Element (X) |     | $\Sigma \chi^2$ |       |       | Σχ    | $\Box$ | X       | $\sigma_{x}$ |         | No. Ob  | »». |         |         |          | Mean No    | o. of Hours | with Tempera | ture     |          |          |
| Rel. Hum.   |     |                 |       |       |       | $\Box$ |         |              |         |         |     | ≤0 F    |         | 32 F     | ≈67 F      | ≥73 €       | ≥80 F        | : 93     | •        | Total    |
| Dry Bulb    |     |                 |       |       |       |        |         |              |         |         |     |         |         |          |            |             |              |          |          |          |
| Wet Bulb    |     |                 |       |       |       |        |         |              |         |         |     |         |         |          |            |             |              |          |          |          |
| Dew Point   |     |                 |       |       |       |        |         |              | _ L_    |         |     |         |         |          | L          | 1           |              | 1        |          |          |

| STATION      | FA       | LLON    | , NV           |              |               |             |         |                |          | 73      | - 22     |               |             |            |              |             | ·              |          | NOV        |        |
|--------------|----------|---------|----------------|--------------|---------------|-------------|---------|----------------|----------|---------|----------|---------------|-------------|------------|--------------|-------------|----------------|----------|------------|--------|
| STATION      |          |         |                | 5            | TATION NAM    | E           |         |                |          |         |          |               |             | YE         | ARS          |             |                |          | MONT       |        |
|              |          |         |                |              |               |             |         |                |          |         |          |               |             |            |              |             |                | <u>-</u> | HOURS (L   |        |
| Temp.        |          |         |                |              |               |             | WET BUI | B TEMP         | RATURE   | DEPRES  | ION (F)  |               |             |            |              |             | TOTAL          |          | TOTAL      |        |
| ( <b>F</b> ) | 0        | 1 - 2   | 3 - 4          | 5 - 6        | 7 - 8         | 9 - 10      | 11 - 12 | 13 - 14        | 15 - 16  | 17 - 18 | 19 - 20  | 21 - 22 2     | 23 - 24     | 25 - 26    | 27 - 28 29   | - 30 ≥ 31   | D.B. W.B.      | Dry Bulb | Wet Bulb [ | Dew Po |
| 17/ 6        | • 1      | • 1     |                |              |               |             |         |                |          |         |          |               |             |            |              |             | 2              | 2        | 3          | 2      |
| 1 7          |          |         | Ĺ              |              |               |             |         |                |          |         |          |               |             | +          |              | ·           | ! !            |          | 1          |        |
| -/ 5         | • 1      |         | ĺ              | ĺ            |               |             |         |                |          |         |          |               |             | :          | i            |             | 1              | 1        | 1          | 2      |
| 4/ 3         |          |         |                |              |               |             |         |                |          |         |          |               |             |            |              |             | <del> </del>   |          |            |        |
| 3/ 1         | [        |         | ĺ              | ĺ            |               | }           |         |                |          |         |          | -             | :           | ì          |              | i           |                |          |            |        |
| <u> </u>     |          |         |                |              |               |             |         |                | -        |         |          | —- <u>-</u> + |             |            |              |             |                | 1763     |            |        |
| TYL          | 1.5      | 1 ''• 9 | 15.9           | 14.4         | 13.5          | 14.3        | 9.9     | 8.6            | 4.5      | 3.2     | ₹•0.     | -8            | • 3         | • 2        |              |             |                | 1752     |            | 175    |
|              |          |         |                | <del></del>  |               |             |         |                | <u> </u> |         |          | ·             | <del></del> |            |              |             | 1752           |          | 1752       |        |
| 1            | ŀ        |         | i              |              |               |             | - 1     |                |          |         | · '      |               |             | 1          |              | İ           | 1              |          |            |        |
|              |          |         | -              |              |               |             |         |                |          |         |          |               |             |            |              |             | <del></del>    | ·        |            |        |
| į            |          |         | ļ<br>i         |              | }             | ļ           | į       | ,              | i        |         |          |               |             | Į.         |              |             |                |          |            |        |
|              |          |         |                |              | +             |             |         |                |          |         |          |               |             |            |              |             | <del> </del> - |          |            |        |
| į.           | 1        |         | !              |              |               | ļ           |         |                |          |         |          |               | :           | :          |              |             |                |          |            |        |
|              |          |         | <b></b>        | <del> </del> | <del></del>   |             |         |                |          | . — —   |          |               | · — ···•    | •          |              | <del></del> | +              |          |            |        |
| \<br>:       | ļ        |         | }              | ;<br>]       | ,             |             | i       | İ              | İ        |         |          |               |             |            |              |             | ,              |          |            |        |
|              |          |         |                | ļ            |               |             |         |                |          |         |          |               |             | •          |              |             |                |          |            |        |
| i            |          |         |                |              |               |             | -       | ,              |          |         |          |               |             |            |              |             |                |          |            |        |
|              |          |         | ī —            |              |               |             |         |                | !        |         |          |               | +           |            | . —          |             |                |          |            |        |
|              |          |         |                | ĺ            |               | į           | ì       |                |          |         |          |               | I           |            |              |             | ,              |          |            |        |
|              | ·· ,     |         | ,              | 1            |               |             |         |                |          |         |          |               |             | ••         | •            |             |                |          | ·· · · ·   |        |
|              |          |         | <b>.</b>       | <u> </u>     |               |             |         |                | Ĺ        |         | ·<br>    |               |             | :          |              |             |                |          |            |        |
|              |          |         |                | 1            |               |             |         |                |          |         |          | 4             |             |            |              |             |                |          |            |        |
| ·            | <b>i</b> |         |                | L            |               |             |         |                |          |         |          |               |             |            |              |             | <b>.</b>       |          |            | ~ ~    |
| 1            | ļ        |         |                |              |               | j           | 1       |                | i        |         | 1        | i             | 1           |            |              |             |                |          |            |        |
|              |          |         |                |              | <u> </u>      |             |         |                |          | L       | <b></b>  |               |             |            |              |             |                |          |            |        |
|              |          |         |                | ł            | 1 }           | }           | .       |                |          |         |          |               |             | 1          |              | :           |                |          | 1          |        |
|              |          |         | <u> </u>       |              | <del>  </del> |             |         |                |          |         | <u> </u> | -+            |             |            |              |             |                | i-       |            |        |
| 1            | !        |         | i              | !            | }             |             |         |                |          |         | j        | į             | ļ           | i          |              |             | 1              |          |            |        |
|              | †        |         |                | <del> </del> |               | <del></del> |         |                |          |         |          |               |             |            |              |             | <del></del>    |          |            |        |
|              | i        |         |                |              |               |             |         |                | j        |         |          | 1             | 1           |            |              | 1           | 1              |          |            |        |
|              |          |         | :<br>• ——<br>i |              |               |             |         |                |          |         |          |               |             | <b>→</b> ∔ | <del>-</del> |             |                |          |            |        |
|              |          |         | !              |              |               | ļ           |         |                |          |         | 1        | ļ             | i           | 1          | į            |             |                | :        | i          |        |
| ement (X)    |          | ∑x²     | <del></del>    | ,            | ΣX            |             | X       | σ <sub>x</sub> | Ή,       | No. Ol  | )s.      |               |             |            | Mean No.     | of Hours wi | ith Temperat   | ure      |            |        |
| lel. Hum.    |          |         | 4353           |              | 9031          | 5 5         | 1.5     | 18.6           | 54       | 17      |          | ≤ 0 F         | 1           | 32 F       | ≥67 F        | 273 F       | ≥80 F          | ≥93 F    | Te         | otal   |
| Dry Bulb     |          |         | 4229           |              | 77431         |             | 4.2     |                |          | 17      |          |               | 13          | 3.2        | 23.0         | 3.3         | T              | 1        | 7          | 20.    |
| Vet Buib     |          |         | 7772           |              | 67182         |             | 5.1     | 8.2            |          | 17      |          |               |             | 4.2        |              |             |                |          |            | 20.    |
| Dew Point    |          |         | 1949           | <del></del>  | 44703         |             | 5.5     | 7.9            |          | 17      |          | 1.            | 2 58        |            |              |             |                |          |            | 20.    |

FASE 1

| Temp.        |          |                |              |       |           |            | WET BU  | B TEMPE      | RATURE      | DEPRESS | ION (F)      |              |           |             |                                       |                                        | TOTAL        |               | TOTAL        |                 |
|--------------|----------|----------------|--------------|-------|-----------|------------|---------|--------------|-------------|---------|--------------|--------------|-----------|-------------|---------------------------------------|----------------------------------------|--------------|---------------|--------------|-----------------|
| ( <b>F</b> ) | 0        | 1 - 2          | 3 · 4        | 5 - 6 | 7 - 8     | 9 - 10     | 11 - 12 | 13 - 14      | 15 - 16     | 17 - 18 | 19 - 20 2    | 21 - 22 2    | 3 - 24 25 | 5 - 26 27   | . 28 29                               | - 30 ≥ 31                              | D.B. /W.B.   | Dry Bulb      | Wet Bulb     | Dew Point       |
| 6 67         |          | 1              |              |       |           |            |         |              |             |         | . ?          | •1           |           |             |                                       |                                        | . 4          | 4             |              |                 |
| 161 65       |          |                |              |       |           |            | 1       | • 1          | . 2         | - 1     | • 1          | • 1          | 1         |             |                                       |                                        | 5            | ρ             |              |                 |
| £41 63       |          |                |              |       |           |            | . 1     | • 1          | • 2         | • 2     | • 3          |              |           |             |                                       |                                        | 13           | 13            |              |                 |
| 12/ 61       |          |                |              |       |           |            | • 1     | . 4          | . 2         | . 1     | . 2          | ]            |           |             | - 1                                   |                                        | 17           | 17            |              |                 |
| + / 59       |          |                |              |       |           | • 1        | . 4     | • 5          | . 2         | • 1     | • 1          |              |           |             |                                       |                                        | 22           | 22            |              |                 |
| Ful 57       |          | ļ              |              |       |           | 3          | . 7     | 6            | . 5         | .2      |              |              |           |             |                                       |                                        | 39.          | 30            |              |                 |
| 567 55       |          | i .            |              |       | . 1       | • 2        | • 9     | • 5          | . 2         | • 1     |              |              |           |             |                                       |                                        | 36           | 36            |              |                 |
| 54/ 53       |          |                |              |       | . 4       | ,          | 1.2     | <u>.</u> a   | . 6         | • 1     |              | į            |           |             |                                       |                                        | į £5         | 65            |              |                 |
| 77/ 51       |          | I              |              | • 1   | - 3       |            | • 5     | . 7          | . 2         |         |              |              |           |             |                                       |                                        | 5 5          | 5.5           | 3            |                 |
| 5 / 43       |          | L              |              | 2     | . 2       | 1.2        | 1.4     | . 2          | .1          |         |              |              |           |             |                                       |                                        | 54           | 64            | 13.          |                 |
| 47           |          | . 1            | • 1          | • 2   | 1.1       | 1.5        | 1.4     | • 2          | i           | İ       | 1            | !            | j         |             |                                       |                                        | 77           | 77            | 26           |                 |
| 05/ 45       |          | <u> </u>       | . 3          | . 7   | 1.5       | 1.4        | . 8     |              |             |         |              | -            |           |             |                                       | !                                      | 8 C          | 8.0           | 47           |                 |
| 44/ 43       |          | • 1            | . 4          | • 3   | 2.7       | 1.7        | • 5     | • 1          |             | i       |              |              | 1         |             | 1                                     |                                        | 95           | 95            | 5.7          | 7               |
| -21 41       | 1        | . 4            | . 4          | 1.7   | 2.1       | 1.5        | . 1     |              | i           |         | i            |              |           |             |                                       |                                        | 105          | 105           | 102          | . 9             |
| 40/ 39       | • 1      |                |              | 2.5   | 2.2       | . 7        | • 1     |              | ļ           |         | 1            | ļ            | ĺ         |             | :                                     |                                        | 124          | 124           | 112          | 1.7             |
| 38/ 37       |          | • 1            | 1.5          | 2.6   | 1.2       | <u>,</u> 4 |         |              |             |         |              |              |           |             |                                       |                                        | 104          | 104           | 127          | 31              |
| 367 35       |          | • 7            | 2 • 5        | 2.3   | . 7       | • 2        |         |              |             |         | ,            | -            | į         | !           | 1                                     |                                        | 108          | 105           | 141          | 36              |
| 34/ 33       | ?        | 1.0            | 3 - 1        | 1.8   | 1.1       | 1          |         |              |             |         |              |              |           | <del></del> | · · · · · · · · · · · · · · · · · · · |                                        | 124          | 124           | 177          | 7^              |
| 77 / 31      |          | 1.4            | 1.7          | 1.2   | • 5       | •?         |         |              |             | ļ       | - 1          | l<br>İ       | į         | ,           | 1                                     |                                        | € 4          | 84            | 152          | 71              |
| 71 / 29      | • 1      | +              | 2.7          | 1.3   | • 2       |            |         |              |             |         |              |              |           |             |                                       |                                        | <u> </u>     | 79.           | <u>148</u>   | 111             |
| 29/ 27       | • 1      |                |              | • 4   | • 1       |            |         | 1            | 1           | ì       |              |              | -         | ŕ           | 1                                     |                                        | 3.0          | 6.3           | 9 €          | 153             |
| 76/ 25       |          | 1.4            | 1.7          | . 7   |           |            |         |              |             |         |              |              |           |             |                                       |                                        | 63           | 63            | 121.         | 152             |
| 24/ 23       | • 1      | 1              | 1 1          | • 3   |           |            |         |              |             | Ì       | 1            |              | 1         |             | 1                                     |                                        | 62           | 6.2           | 74           | 150             |
| 32/ 21       | <u>_</u> | 1.3            | • 5          | - 1   |           |            |         |              |             |         |              |              |           |             | $-\downarrow$                         |                                        | 32;          | 32            | <u>7:</u>    | 167             |
| 20/ 19       | • 1      | !              | • 5          | 1     |           | ļ          |         |              | Ì           | İ       |              | 1            |           | ŀ           | 1                                     |                                        | 40           | 40            | 50           | 149             |
| 1-/17        | - 5      | ·              | • 4          |       |           |            |         |              |             |         |              | <del>-</del> |           |             |                                       |                                        | 27           | 27            | 48           | 122             |
| 15/ 15       | • 7      | 1 .            | • 2          | ļ     |           |            |         |              | i           | į       |              | į            |           | }           |                                       | į                                      | 29           | 29            | 21           | 105             |
| 14/ 13       | . 4      |                | • 1          |       |           |            |         |              |             |         |              |              |           |             |                                       | -+                                     | 15           | <u> 18</u> .  | <u> 77</u> . | <del>3 </del> 9 |
| 1.7 11       | • 4      | i              | • 1          |       |           | ĺ          |         |              | i           |         | }            | 1            | 1         | ł           | 1                                     |                                        | 12           | 12            | 20           | 0.7             |
| 10/ 9        | • 2      |                |              | !     |           |            |         |              |             |         | +            |              |           |             |                                       |                                        | 13           | 13            | <u> </u>     | 57<br>4°        |
| -/ 7         |          | • 3            |              |       | Ì         |            |         |              |             |         | -            | ĺ            | [         |             | (                                     | 1                                      | 3            | 3             | _            | •               |
| 1/ 5         | • 1      |                |              |       |           |            |         |              |             |         | <del>+</del> |              |           |             | - +                                   |                                        | 1            | - l '         | <u>2</u>     | 1º              |
|              | • 1      |                | 1            |       |           |            |         |              |             | ļ       | l            |              | ļ         |             | ł                                     |                                        | 1 1          | 1             |              |                 |
| 2 / 1        |          | $\Sigma_{X^2}$ |              |       | Σx        |            | ₹       | $\sigma_{x}$ | <del></del> | No. Ob  | <del></del>  |              |           |             | Mann No                               | of House                               | ith Temperat |               |              | 12              |
| Element (X)  |          | ~ X            | <del>i</del> |       | <u>-x</u> |            | ^       | - ×          |             | 140. OB | -            | ± 0 F        | ₹ 32      |             | *67 F                                 | ≥73 F                                  | ≥80 F        | ure<br>≥ 93 ( |              | Total           |
| Rel. Hum.    |          |                |              |       |           | -+-        |         |              |             |         |              | - U F        | - 32      | -           | - 0/ F                                | -/37                                   | - 60 F       | = 73 (        | <del>'</del> |                 |
| Wet Bulb     |          |                |              |       |           | +-         |         |              | -+          |         |              |              | -, -      |             |                                       |                                        | <del> </del> | <del> </del>  |              |                 |
| Dew Point    |          |                | <del></del>  |       |           |            |         |              |             |         | <del></del>  |              | +         |             |                                       |                                        | +            | +             | -+           |                 |
| Dew Point    |          |                | 1            |       |           |            |         |              |             |         |              |              |           |             |                                       | ــــــــــــــــــــــــــــــــــــــ | 4            |               |              |                 |

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| TH    | DEC<br>MON |              |                                                  |             |              | ARS     | YEA  |         |            |         | _13          |               |              |         | E      | TATION NAM | 5            |           | LL AN            |              | 1.2          |
|-------|------------|--------------|--------------------------------------------------|-------------|--------------|---------|------|---------|------------|---------|--------------|---------------|--------------|---------|--------|------------|--------------|-----------|------------------|--------------|--------------|
| L S T | HOURS (    |              | ,                                                |             |              |         |      |         | <u>.</u> . |         |              |               |              |         |        |            |              |           |                  |              |              |
|       | TOTAL      |              | TOTAL                                            |             |              |         |      |         |            |         | DEPRES       |               |              |         |        |            |              |           |                  |              | Temp.<br>(F) |
| Dew P |            | Dry Bulb     | D.B. W.B.                                        | 30 = 31     | 28 29 -      | 27 - 28 | - 26 | - 24 25 | 21 - 22 23 | 19 - 20 | 17 - 18      | 13 - 10       | 13 - 14      | 11 - 12 | 9 - 10 | 7 - 8      | 5 - 6        | 3 - 4     | 1 - 2            | 0            |              |
|       | 2.         | 4            | 4                                                | 1           |              |         |      | i       |            |         | !<br>!       |               |              |         |        |            |              |           | • 2              | • l          | 1/- 1        |
|       | <u>-</u>   |              | <del>                                     </del> | <del></del> | +            |         |      |         |            |         | <del> </del> | ·             |              |         |        |            |              |           |                  |              | 1- 5         |
|       |            | 1            | '                                                | 1           | į            |         | 1    | :       |            |         | !            |               |              |         |        |            |              |           | j                |              | 6/- 7        |
|       |            | <del>-</del> | ++                                               | <del></del> | -+           |         | +-   |         |            |         | :            | -             |              |         |        | -          |              |           |                  |              | -/- 9        |
|       | :          |              |                                                  |             |              |         |      | :       |            |         |              |               |              |         |        | ł          |              |           |                  |              | . /-11       |
| 168   |            | 1688         | +                                                |             | •            |         |      |         | .1         | , p     | . 9          | 2.4           | 4.0          | 3.6     | 1.4    | 14.21      | 16.9         | 12.7      | 1 = . 2          | 2.5          | ÷ · [        |
|       | 1686       |              | 16º8                                             |             |              |         |      |         |            |         |              |               |              |         |        |            |              |           |                  |              |              |
|       |            |              |                                                  |             |              |         |      |         |            |         |              | 1             |              |         |        |            |              |           |                  |              | i            |
|       |            |              |                                                  | <del></del> |              | _       |      | -       |            |         | :<br>        | <u> </u>      |              |         |        |            |              |           |                  |              |              |
|       |            |              |                                                  |             |              |         |      |         |            |         |              |               |              |         | ,      | !          |              |           |                  |              |              |
|       |            |              | •                                                | •           |              |         |      |         |            |         | •            |               |              |         |        | +          |              |           |                  |              |              |
|       |            |              |                                                  |             |              |         |      |         |            |         |              | ;             |              |         |        | !          |              |           |                  |              | :            |
|       |            |              | ·                                                |             | •            |         |      |         |            |         |              |               |              |         |        |            |              |           |                  |              |              |
|       |            |              |                                                  |             |              |         |      |         |            |         |              |               |              |         |        | 1          |              |           |                  |              | !            |
|       |            |              | • • •                                            |             |              |         |      |         |            |         | •            | •             |              |         |        |            |              |           |                  |              |              |
|       |            | _            |                                                  |             |              |         |      |         |            |         |              |               |              |         |        |            |              |           |                  |              |              |
|       |            | _            |                                                  |             |              |         |      |         |            |         |              |               |              |         |        | į          | į            |           |                  |              |              |
|       |            |              |                                                  |             |              |         |      |         |            |         |              |               |              |         |        |            |              |           | 4                |              |              |
|       |            |              |                                                  |             |              |         |      |         |            |         |              |               |              | i       | ,      |            |              |           |                  |              |              |
|       | - •        |              |                                                  |             |              |         |      |         |            |         |              |               |              |         |        |            |              | · · - · · |                  |              | :            |
|       |            |              |                                                  |             |              |         |      |         |            |         |              |               |              |         |        | 1          |              |           |                  |              |              |
|       |            |              |                                                  | -           | ٠            |         | •    | •       | •          | -       |              |               |              |         |        |            |              |           |                  |              |              |
|       |            |              |                                                  |             |              |         |      |         |            |         |              | 1             |              |         |        | i          |              |           |                  |              |              |
|       |            | •            |                                                  |             | •            |         |      | •       |            |         | . –          |               |              |         |        |            |              |           |                  |              | •            |
|       |            |              |                                                  | <del></del> |              |         |      |         |            |         |              |               |              |         |        |            |              |           |                  |              |              |
|       |            |              |                                                  |             |              |         |      |         |            |         |              |               |              |         |        |            |              |           |                  |              |              |
|       |            |              |                                                  |             | <del>-</del> |         |      |         |            |         |              |               |              |         |        |            | !            |           |                  |              |              |
|       | 1          |              |                                                  |             | ;            |         | ļ    |         | 1          |         |              |               |              |         | Ì      |            | i            |           |                  | '            | ı            |
|       |            |              |                                                  |             | - +          |         |      | : _     |            |         |              | ·             |              |         |        | +          | <del>i</del> |           |                  |              | •            |
|       | i          | 1            |                                                  |             |              |         | 1    |         | 1          |         |              |               |              |         |        |            |              |           |                  | İ            |              |
|       |            | ure          | h Temperat                                       | f Hours wit | n No. o      | Mean    |      |         |            | s.      | No. Ob       |               | $\sigma_{x}$ | X       |        | Σχ         |              |           | $\Sigma_{X}^{2}$ |              | ement (X)    |
| otal  | Ť          | ≥ 93 F       | ≥80 F                                            | ≥73 F       | 7 F          | ≥ 67    | F    | ≤ 32    | ≤ 0 F      | 88      | 16           | 25            | 18.          | 5.2     | 5      | 94991      |              | 2471      | 508              |              | Rel. Hum     |
| 44.   |            | -            |                                                  |             | 1.8          | _1      |      | 241     |            |         | 16           |               | 12.          |         |        | 63461      |              | 1593      |                  |              | Dry Bulb     |
| 44.   |            | <del> </del> |                                                  |             |              |         |      | 387     |            |         | 16           |               | 3 . 5        | 1 . 3   |        | 52845      |              | 5 7 7 5   |                  | <del>-</del> | Wet Bulb     |
| 44.   |            |              |                                                  |             | i            |         | • 5  | 673     | 7.9        | 5 6     | 16           | <b>4</b> [] [ | 8.4          | 1.8     |        | 36527      |              | 3061      | 12.              |              | ew Point     |

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| Temp.                 |           |                   |             |             |          |            | WET BUL    | B TEMPE        | RATURE      | DEPRESS    | ION (F)      |         |         |         |           |              |              | TOTAL        |          | TOTAL        |                |
|-----------------------|-----------|-------------------|-------------|-------------|----------|------------|------------|----------------|-------------|------------|--------------|---------|---------|---------|-----------|--------------|--------------|--------------|----------|--------------|----------------|
| ( <b>F</b> )          | 0         | 1 - 2             | 3 - 4       | 5 - 6       | 7 - 8    | 9 - 10     | 11 - 12    | 13 - 14        | 15 - 16     | 17 - 18    | 19 - 20      | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 2 | 9 - 30       | ≥31          | D.B./W.B.    | Dry Bulb | Wet Bulb     | Dew Poin       |
| 56/105                |           |                   |             |             |          |            |            |                | _           |            | -            |         |         |         |           |              | • 5          | 1            | 1        |              |                |
| 74/103                |           | }                 |             |             | 1        | ļ          | İ          | 1              | ,           | i<br>1     | i            |         | 1       | j       | j         | - )          | . 1          | 18           | 18       |              |                |
| 02/101                |           |                   |             |             |          |            |            |                |             |            |              |         |         |         |           |              | - 1          | 29           | 29       |              | ,              |
| CC/ 99                |           |                   | [           |             |          |            | 1          | [              |             |            |              |         |         |         |           | • 0          | . 3          | 57           | 57       |              | !              |
| 98/ 97                |           |                   |             |             |          |            |            |                |             |            |              |         |         | }       | 1         | • 0          | . 5          | 115          | 115      |              |                |
| 66/ 95                |           |                   |             |             |          | l          |            |                |             |            |              |         |         |         | .0        | -1           | , 7          | 166          | 166      |              |                |
| 04/ 93                |           |                   |             |             |          |            |            |                |             |            |              |         | [       | •0      | • 1       | • 1          | . 7          | 2.75         | 205      |              |                |
| 927 91                |           |                   |             |             |          |            |            |                |             |            |              |         | .0      | .1      | • 2       | .4           | . 9          | 323          | 323      |              |                |
| 37/89                 |           |                   | Į           |             | }        | j          | ]          | ,              | j           | ļ          | j            | • 1     | - 1     | • 1     | • 3       | • 7          | • 5          |              | 386      |              |                |
| 18/ 87                |           |                   |             |             |          |            |            |                |             | • 5        | • 7          | •1      | • 1     | • 2     | .6        | . 8          | . 3          | 447          | 447      |              |                |
| 567 RE                |           | 1                 | 1           | ĺ           | ĺ        | į          | i          |                |             | •0         | - 1          | • 1     | • 2     | - 4     | . 7       | . 6          | • 1          | 463          | 463      |              |                |
| 34/ 83                |           |                   |             |             |          |            | • 0        | • 0            | 0           | • 0        | 1            | -1      | . 3     | • 5     | . 8       | • 3          | 9.           | 457          | 457      |              |                |
| 777 81                |           |                   | -           |             |          | - 1        | 1          | • 7            | .0          | . 1        | • 1          | • 2     | . 4     | • 7     | . 6       | • 1          | • 🗓          | 465          | 465      |              |                |
| Sp. 79                |           |                   |             |             |          |            |            | <u>• 기</u>     | •0          | •1         | •2           | . 3     | .6      | .7      | .4        | • 7          |              | 521          | 521      |              | ·              |
| 79/ 77                |           | 1                 | ł           |             |          | • ີ        | رت •       | • □            | • 1         | • 2        | • 3          | • 6     | .8      | . 6     | . 1       | }            |              | 583          | 583      |              |                |
| 75/ 75                |           |                   |             | •ា          |          | • 0        | <u>•</u> C | • 1            | • 2         | .4         | . 4          | • 7     | •6      | . 4     | • 🕦       |              |              | 570          | 570      |              |                |
| 74/ 73                |           |                   |             | 1           | • 7      | • ~        | • 1        | • 1            | • 2         | . 4        | • 6          | • 8     | .7      | • 1     | 1         | 1            |              | 646          | 546      |              |                |
| 72/ 71                |           |                   | • ]         | • *         | _ • 3    | _•ੁ        | . 1        | • 2            | • 3         | 5          | • 0          | • 7     | . 4     | • D     | <u>`</u>  |              |              | 646          | 646      | 2            | •              |
| 2. 1 90               |           |                   | • 0         | • 🖰         | • 0      | ٠,         | • 2        | • 2            | - 4         | • 6        | • 6          | • 6     | • 2     | • 0     | 1         |              |              | 642          | 642      | 10           |                |
| 601 67                |           |                   | • 7         | • 🖰         | • .7     | • 1        | • 1        | • 3            | . 5         | . 8        | - 8          | . 4     | •0      |         |           |              |              | 660          | 660      | 65           | ·              |
| 66/ 65                |           | • €               | • 7         | • "         | • 1      | • 1        | • 2        | • 3            | • 6         | . 8        | • 7          | • 2     | ı<br>İ  |         |           | 1            |              | 664          | 664      | 225          |                |
| <u>64/63</u>          |           | <b></b> 3         | <u>• n</u>  | •0          | •1       | -1         | • 3        | • 6            | . 8         | - 8        | • 4          | . 1     |         |         | <u>_</u>  |              |              | 664          | 564      | 404          | <del></del>    |
| 67/ 61                |           | • 0               | • ?         | • 1         | • 1      | • 1        | • 4        | • 6            | . 8         | • 7        | • 2          | • "     | ŀ       | .       | i         | 1            |              | 649          | 649      | 631          | 18             |
| (6/ 59                |           | • [               | • <u> </u>  | • 1         | - 1      | - 2        | • 5        | -5             | - 8         | - 5        | -1           | • 0     |         |         |           |              |              | 667          | 667      |              | 32             |
| 5/ 57                 | _         | • 0               | • 3         | • 0         | • 1      | • 3        | •6         | • 0            | • 7         | • 3        | • [          |         | [       | }       | 1         |              |              | 647          | 647      |              | 38             |
| 56/ 55                |           | • 3               | <u>• []</u> | • 1         | • 2      | • 6        | . 8        | 1.0            | • 6         | - 1        | - <u>•</u> C |         |         |         |           |              |              | 730          |          | 1188         | 76             |
| =4/53                 |           | • 3               | • 1         | • 1         | • 3      | •6         | 1.0        | 1.9            | • 4         | •0         |              |         | 1       | Í       | [         | í            |              | 749          | 749      | 1            | 125            |
| 57/ 51                |           | • 0               | • ]         | • 1         | • 5      | • 0        |            | . 7            | - 2         | <u>• D</u> |              |         |         |         |           |              |              | 745          |          | 1130         | 168            |
| 507 49                | • 🖯       | • 0               | • 1         | • 3         | • 5      | 1.1        | • 9        | • 4            | • 1         |            |              |         | į       |         |           |              |              | 722          |          | 1178         | 243            |
| 45/47                 | <u> </u>  | •0                | <u>• 2</u>  | . 4         | . 7      | 1.1        | • 9        | - 2            | • C         |            |              |         |         |         |           |              |              | 735          |          | 1074         | 320            |
| 467 45                | • (       | • 6               | _1          | • 6         |          | 1.1        | • 4        | • 1            | i           |            | 1            | ,       |         | 1       |           | ì            |              | 723          |          |              | . 464<br>. 599 |
| 44/ 43                | <u>• </u> | • 1               | - 3         | . 7         | 1.1      | <u>• 8</u> | • 2        | <u>• [</u>     |             |            |              |         |         |         | +         | <del>}</del> |              | 683<br>713   |          | 1226         | 798            |
| 47/ 41                | • 🖰       |                   |             |             |          | • 6        | • 2        | • 1            |             |            | 1            | İ       | Ì       |         |           | ļ            |              | 697          |          | 1234         | 993            |
| 40/ 39                | • 5       | <u>. 2</u><br>Σχ² | • 6         |             | ∑×<br>∑× | - 4        | × 1        | σ <sub>x</sub> | <del></del> | No. Ob     |              |         |         |         | Moon N    | o of H       |              | th Temperat  |          | 1234         | 443            |
| Element (X)           |           | <u>-x</u>         |             |             | <u> </u> | +-         | ^          | ~ x            | +-          | ,40. Ob    | -            | ±0 F    |         | 32 F    | ≥67 F     | <del></del>  | 73 F         | ≥80 F        | ≥ 93     |              | Total          |
| Rel. Hum.<br>Dry Bulb |           |                   |             |             |          |            | -          |                |             |            | <del>+</del> | - U F   | +-      | 32 1    | -0/ F     | +-           | , <b>,</b> , | - 60 F       | -73      | <del>'</del> |                |
| Wet Bulb              |           |                   |             | <del></del> |          | -+-        |            |                |             |            |              |         | -+-     | +       |           | +            |              | <del></del>  | +        |              |                |
|                       |           |                   |             |             |          |            |            |                |             |            | -+           |         |         |         |           | $\dashv$     |              | <del> </del> | +        |              |                |
| Dew Point             |           |                   |             | <u> </u>    |          |            |            |                |             |            |              |         |         |         |           |              |              | L            |          |              |                |

| O 7.1 2 | FALLON, NV | STATION NAME | 73-82 | YEARS | ALL    |
|---------|------------|--------------|-------|-------|--------|
|         |            |              |       |       | PASE ? |

|                       |              |                         |       |          |                 |        | WET BU     | LB TEMP      | PATHRE      | DEPRES      | SION (F      |              |               |              |              |                |                | TOTAL              | _             | TOTAL    |                                     |
|-----------------------|--------------|-------------------------|-------|----------|-----------------|--------|------------|--------------|-------------|-------------|--------------|--------------|---------------|--------------|--------------|----------------|----------------|--------------------|---------------|----------|-------------------------------------|
| Temp.<br>(F)          | 0            | 1 - 2                   | 3 - 4 | 5 - 6    | 7 - 8           | 9 - 10 |            |              |             |             |              |              | 23 - 24       | 25 - 26      | 27 - 28      | 29 - 30        | ≥ 31           | TOTAL<br>D.B./W.B. | Dry Bulb      |          | Dew Poin                            |
| 7 / 37                |              | • 2                     | • 6   | 1.7      | • 6             | • 1    | ۰۰         |              | <u></u>     |             | <del> </del> |              |               | 1            | 1            |                | ,              | 595                | 595           | 1201     | 1245                                |
| 36/ 35                | . 1          | . 3                     |       |          | 4               | .1     |            |              |             |             |              |              | L             | :            | 1            |                | i              | 615                | 615           | 1125     | 1419                                |
| 34/ 33                | . 1          | • 5                     |       | . 7      | . 7             | ٦.     |            |              | 1           |             |              |              |               | Ī            |              |                |                | 513                | 518           | 1014     | 1556                                |
| 32/ 31                | .1           | . 5                     |       | . 5      | . 1             |        |            |              | ļ<br>L      |             | i            |              | L             | <u> </u>     |              |                |                | 477                | 477           | 881      | 1513                                |
| 30/ 20                | • 1          | • 5                     | ۵۰    | . 3      | • 1             |        |            |              |             |             | 1            |              |               | į            |              |                |                | 390                | 380           | 741      | 1686                                |
| 7.1 27                | 1            | . 6                     | . 6   | . 2      |                 |        |            |              |             | ·           | !            | <u> </u>     |               | ļ            | <u> </u>     |                | <u> </u>       | 325                | 325           | 576      | 1732                                |
| 7/1 25                | • 1          | - 5                     | . 4   | . 1      | i               |        |            |              | 1           |             |              |              |               | 1            | ì            |                | İ              | 225                | 225           | 487      | 1641                                |
| 24/ 23                | • 1          | <u>_</u>                | . 3   | . C      |                 |        |            |              | ļ           |             | <b>-</b>     | ·<br>+       | <u> </u>      | i            | ļ            |                | <del> </del>   | 206                | 207           | 30.1     | 1477                                |
| 72/ 21                | • 1          | . 4                     | • 2   | ۰ ۲      |                 |        |            |              | i           | •           |              |              | !             | 1            |              |                |                | 139                |               | 247      | 1239                                |
| 77/13                 | 2            | • 3                     | • 1   |          |                 |        |            | ļ            | <u> </u>    | •           |              | +            |               | <u> </u>     | ļ            |                | <del>-</del> - | 129                | 129           | 185      |                                     |
| 1-/ 17                | - 1          | • 3                     | • ^   |          |                 |        |            |              |             |             |              |              |               |              | 1            |                |                | 35                 | 85            | 136      | 805                                 |
| 1-/ 15                | • 1          | • 2                     | • ~   |          |                 |        |            | <b>-</b>     |             |             |              | <del> </del> | ·<br>         | +            | ļ            |                | <del> </del>   | 84                 | 84            | 87       | +                                   |
| 14/ 13                | • 1          | • 1                     | • ♡   |          | j               |        |            |              |             |             |              |              |               |              |              |                |                | 40                 | 4 C -         | 72       |                                     |
| 1 / 11                | - 1          | •1                      | ٠,٦   |          |                 |        |            |              | •           | <b>.</b>    | •            |              |               | <del>-</del> |              |                | <u> </u>       | 35                 | 35            | 44       | 287                                 |
| 17/ 9                 | • 1          | • 1                     |       | İ        | i               |        |            |              |             |             |              |              |               |              |              |                | i              | 31                 | 31            | 34       |                                     |
| a/ 7                  | • 3          | • 1                     |       |          |                 |        |            | .~           |             | +           | ·            | <b>+</b>     |               | <u> </u>     | <u> </u>     |                |                | 19                 | 19            | 18       |                                     |
| 6/ 5                  | • ]          | • 0                     |       |          |                 |        |            | •            |             |             |              |              |               |              |              |                |                | 12                 | 12            | 19       | -                                   |
| 6/ 3                  | • /          | • 0                     |       |          |                 |        |            | •            |             |             |              |              | •             |              | <u>-</u>     | ·              |                | 10                 | <u> </u>      |          | <u>-</u>                            |
|                       | • 3          |                         | i .   |          |                 |        |            |              |             |             |              |              |               |              | 1            |                |                | 6                  | 6             | 6        |                                     |
|                       | <u>•</u> • • | 0                       |       |          |                 |        |            | +            | +           | * ~-        | •            |              |               |              | ÷ - ·        | • -            |                | 11                 | . <u>11</u> . | 12       |                                     |
| 1 /- 3:<br>           |              | •                       |       | i        | į               |        |            | 1            |             |             |              |              |               |              | !            |                |                | 6                  | 6             | ,        | 11                                  |
|                       |              | • •                     |       |          | <del>-</del>    |        |            |              |             | ·           |              | •            | +             |              | +            |                | <del></del>    |                    | <u>~</u>      |          | 1                                   |
| · 5/- 71<br>· 2/- 9   | • • •        | ٥.                      |       |          | . '             |        | i          | ı            |             | 1           | 1            | 1            |               |              | 1            |                |                | 1                  | 1             | 2        | _                                   |
| 1 /-11                |              | <u>• []</u><br>• []     |       |          | <del>-</del>    |        |            | <del></del>  | •           | +           | +            | ··           | <del>†</del>  |              | +            |                |                |                    |               |          | - 4                                 |
| 12/-13                |              | • - 1                   |       |          | İ               |        |            | ļ            |             | 1           | 1            |              | 1             |              | ı            |                |                | •                  |               | •        | · · ·                               |
| 14/-15                |              | • 0                     |       |          |                 |        | 1          |              |             |             | <del> </del> | +            |               | •            | ļ            | <b>.</b> - · · |                | <del></del>        | , .           |          | · ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ |
| 10/-17                |              | • 0                     |       |          |                 |        |            | İ            |             |             |              | :            |               | 1            | f            |                |                |                    | •             | 1        | •.                                  |
| 13/-19                |              |                         |       |          |                 |        |            | <del> </del> | <del></del> | +           | <del> </del> |              | <del></del>   | +            | <b>†</b>     |                | <del></del>    | <del></del>        |               |          | <u> </u>                            |
| : :/-21               |              |                         |       |          | j               |        |            |              | İ           |             | ĺ            | ł            |               |              | !            |                |                | 1 .                |               |          | ī                                   |
| 25/-27                |              |                         |       |          |                 |        |            | <u> </u>     | Ī           | <del></del> | <u> </u>     | 1            | T             | <del></del>  |              |                | <del></del>    | +                  |               |          | <u> </u>                            |
| 57/2                  | 1.7          | 5.1                     | 8.5   | 8.4      | 0.3             | 8.4    | 7.9        | 7.6          | 6.7         | 6.3         | 5.7          | 5.0          | 4 .5          | 3.8          | 3.9          | 3.1            | 4.3            | 1                  | 1144          |          | 21143                               |
|                       | <u>.</u>     |                         |       |          |                 |        |            |              |             | 1           |              | <del>,</del> | + <del></del> | +<br>        |              |                | 1 -            | 21143              |               | 21143    |                                     |
|                       |              | $\Sigma_{\mathbf{X}^2}$ |       |          | <u> </u>        |        | <u> </u>   | $\sigma_{x}$ | <u> </u>    | No. O       | <u> </u>     | <u> </u>     | <u> </u>      | <u> </u>     |              | No             | <u> </u>       | th Tempera         | <u> </u>      |          | <u> </u>                            |
| Element (X)           |              | -x-<br>4 3ã 6           | 4100  |          | ∑x<br>5 3 5 9 ° | 0 "    | X<br>D • 4 | 21.0         | B 0         | 211         |              | ± 0 I        |               | ≤ 32 F       | mean<br>≥ 67 |                | 273 F          | n rempero          | ≥ 93 (        |          | Total                               |
| Rei, Hum.<br>Dry Bulb |              | 7836                    |       |          | 1712            |        |            | 19.3         |             | 211         |              |              |               |              | <del></del>  |                |                | 1397.3             |               |          | 760.0                               |
| Wet Bulb              |              | 4326                    |       | <u> </u> | 2251            |        | 3.6        | 11.9         |             | 211         |              |              |               | 25.6         |              |                | 3606           | 137103             | 4769          |          | 760.0                               |
| Dew Point             |              | 2073                    |       |          | 2671            |        | 9.6        | 10.0         |             | 211         |              |              |               | 00.8         |              | .8             |                | <del> </del>       | +             |          | 760.0                               |
| DOM FORM              |              | د                       | 0 206 |          | 6011            | 4      | 700        |              | 7 4         | 411         | 7.           | _ 6 ?        |               | 90.0         | <u> </u>     | 9 (            |                | Ц                  |               | <u> </u> | ,000                                |

#### MEANS AND STANDARD DEVIATIONS

PRY-TULE TEMPERATURES DES F FROM HOURLY OBSERVATIONS

71.12

FALLON, NV

73-82

| STATION      |           |        | S      | TATION NAME |        |        |        |       |        | YEARS  |        |       |        |        |
|--------------|-----------|--------|--------|-------------|--------|--------|--------|-------|--------|--------|--------|-------|--------|--------|
| HRS.(L.S.T.) |           | JAN.   | FEB.   | MAR.        | AFR.   | MAY    | JUN.   | JUL.  | AUG.   | SEP.   | OCT.   | NOV.  | DEC.   | ANNUAL |
|              | MEAN      | 11.7   |        |             |        |        |        |       | 65.3   |        |        |       |        | 51.0   |
| .:           | \$. D.    | 1      |        | •           | !      | Ì      |        | 1     |        |        | -      |       |        | 27.36  |
| •            | TOTAL OBS | 1      | !      | i           |        | !      |        |       | 3      | •      |        |       | 1      | i <br> |
|              |           |        |        |             |        |        | !      |       |        |        |        |       |        |        |
|              | MEAN      | 18.5   | 36.    | 39.3        | 35.0   | 57.0   | 66.0   | 69.0  | 54.3   | 42.0   | 41.3   | 42.0  |        | 42.5   |
|              | S. D.     |        |        | 6.256       | 1      |        | !      |       | •      |        |        |       |        | 12.91  |
|              | TOTAL OBS | 2      | 1      |             | 2      | 1      | 11     | 1     | 3      | 2      | 3      | 1     |        | 2      |
|              |           |        |        |             |        |        |        |       |        |        |        |       |        | i,     |
|              | MEAN      | 24.    | 27.8   | 35.3        | 44.6   | 56.1   | 65.9   | 71.5  | 66.6   | 57.2   | 43.6   | 31.4  | 25.0   | 46.1   |
| ٠,           | \$. D.    | 11.252 | 8.493  | 7.163       | 7.567  | 8.005  | 6.996  | 5.479 | 6.466  | 7.248  | 8.108  | 9.039 | 10.521 | 18.25  |
|              | TOTAL OBS | 301    | 2°2    | 31          | 3 70   | 310    | 300    | 310   | 305    | 266    | 305    | 295   | 205    | 357    |
|              |           |        |        |             |        |        |        |       |        |        |        |       |        |        |
|              | MEAN      | 53.5   | 43.0   | 48.8        | 56.6   | 66.6   | 76.6   | 87.7  | 81.2   | 73.5   | 51.4   | 47.C  | 38.6   | 59.3   |
| :            | \$. D,    | .618   | 7.872  | 8.023       | 9.801  | 9.941  | 8.591  | 6.179 | 7.511  | 8.683  | 9.130  | 8.736 | 8.766  | 18.59  |
|              | TOTAL OBS | 3.74   | 202    | 31          | _ 300  | 310    | 300    | 309   | 305    | 266    | 305    | 296   | 300    | 358    |
|              |           |        |        |             |        |        |        |       |        |        |        |       |        |        |
|              | MEAN      | 41.8   | 50.2   | 54.3        | 61.7   | 71.4   | 81.7   | 89.5  | 87.2   | 79.9   | 68.C   | 54.2  | 47.0   | 65.6   |
| 1            | S. D.     | 9.846  | 8.879  | 9.846       | 10.461 | 10.205 | 9.131  | 6.693 | 7.923  | 9.371  | 10.093 | 9.708 | 9.334  | 18.25  |
|              | TOTAL OBS | 3 ^ 4  | 292    | 310         | 300    | 310    | 300    | 310   | 305    | 266    | 305    | 295   | 299    | 353    |
|              |           | ·      |        |             |        |        |        |       |        |        |        | 1     | :      |        |
|              | MEAN      | 1.4    | 50.5   | 54.4        | 62.8   | 72.3   | 83.0   | 21.3  | 88.0   | 80.7   | 67.8   | 52.8  | 45.6   | 65.9   |
|              | \$. D.    | 10.298 | E.923  | 9.184       | 0.658  | 10.380 | 9.222  | 7.386 | 8.166  | 9.436  | 10.312 | 9.934 | 9.222  | 19.20  |
|              | TOTAL OBS | 3 . 3  | 282    | 310         | 300    | 310    | 300    | 310   | 305    | 266    | 305    | 294   | 296    | 358    |
|              |           | 1      |        |             |        |        |        |       |        |        |        |       | 1      |        |
|              | MEAN      | 31.9   | 41.4   | 47.0        | 55.5   | 66.7   | 76.9   | 84.9  | 79.8   | 70.4   | 55.4   | 42.2  | 35.2   | 57.5   |
| 1 .          | S. D.     | 10.268 | 7.801  | 7.685       | 9.376  | 9.951  | 8.893  | 6.914 | 7.573  | 8.100  | 8.499  | 8.526 | 9.051  | 19.39  |
|              | TOTAL OBS | 297    | 282    | 310         | 300    | 310    | 300    | 310   | 305    | 266    | 305    | 293   | 277    | 355    |
|              |           | !<br>! |        |             |        |        |        |       |        |        |        |       |        | i      |
|              | MEAN      | 77.3   | 36.5   | 4C • 8      | 47.8   | 57.2   | 66.4   | 72.9  | 69.6   | 61.2   | 48.1   | 37.2  | 31.4   | 50.4   |
|              | S. D.     | 10.997 | 7.714  | 7.417       | 8.370  | 8.325  | 7.469  | 5.626 | 7.147  | 7.866  | 8.153  | 6.735 | 9.596  | 16.73  |
|              | TOTAL OBS | 2 ? 3  | 253    | 279         | 270    | 309    | 297    | 296   | 247    | 241    | 305    | 278   | 221    | 322    |
|              |           |        |        |             |        |        |        |       |        |        |        |       |        |        |
| ALL          | MEAN      | 73.6   |        |             | 54.9   |        | 75.1   | 82.4  |        | 70.6   | 57.3   | _     | - •    | 57.6   |
| HOURS        | S. D.     | 12.315 | 11.076 | 0.633       | 1.570  | 11.410 | 10.773 | 9.933 | 11.055 | 12.251 | 2.993  | 2.235 | 12.070 | 19.81  |
|              | TOTAL OBS | 1745   | 1664   | 1835        | 1772   | 1867   | 1798   | 1846  | 1778   | 1573   | 1833   | 1752  | 1698   | 2114   |

### MEANS AND STANDARD DEVIATIONS

SET-BULB TEMPERATURES DES F FROM HOURLY BASERVATIONS

PALL 14 NV

73-82

| STATION                               |           |        | s      | TATION NAME |       |       |       |          |          | YEARS |       |       | <del></del> |              |
|---------------------------------------|-----------|--------|--------|-------------|-------|-------|-------|----------|----------|-------|-------|-------|-------------|--------------|
| HRS (L.S.T.)                          |           | JAN.   | FEB.   | MAR.        | APR.  | MAY   | JUN.  | JUL.     | AUG.     | SEP.  | OCT.  | NOV.  | DEC.        | ANNUAL       |
|                                       | MEAN      | .1.    |        | ŗ ·         |       |       |       |          | 51.7     |       |       |       |             | 41.5         |
| }                                     | S. D.     |        | :<br>I | }           |       |       | j     |          | ]        |       | İ     | -     |             | 20.496       |
|                                       | TOTAL OBS | 1      |        | 1           |       | l     |       |          | 3        |       |       | ĺ     | ·           | " <b>4</b>   |
|                                       |           |        |        | i           |       |       |       |          |          |       |       |       |             |              |
|                                       | MEAN      | 13.5   | 29.7   | 33.5        | 31.7  | 42.0  | 55.0  | 54.0     | 47.3     | 37.0  | 35.7  | 35.0  |             | 36.4         |
| 200                                   | S. D.     |        |        | 5.167       |       |       |       | 1        |          | }     |       |       |             | 9.908        |
| · · · · · · · · · · · · · · · · · · · | TOTAL OBS | 2      | 1      | 6           | 2     | 1     | 1     | 1        | 3        | 2     | 3     | 1     |             | 23           |
|                                       | MEAN      | 21.3   | 26.5   | 30.9        | 37.0  | 45.1  | 51.4  | 55.5     | 52.6     | 46.4  | 37.0  | 28.0  | 23.         | 38.7         |
| -, •                                  | S. D.     | 9.851  |        |             |       |       |       |          | 4.518    |       |       | 7.310 |             | 13.196       |
|                                       | TOTAL OBS | 301    | 252    | 1           | •     | 1     |       |          |          |       | 305   | 1     | 295         | 3578         |
| <del></del>                           |           |        |        |             |       |       |       | <u> </u> |          |       |       |       |             |              |
|                                       | MEAN      |        | 35.7   | , -         | 42.7  | 40.4  | 55.C  | 50.4     | 58.1     | 53.8  | 46.6  | 38.7  | 33.0        | 45.1         |
| i .                                   | S. D.     |        |        |             |       |       |       |          | 3.995    |       |       |       | 6.539       | 11.119       |
|                                       | TOTAL OBS | 3.4    | 252    | 311:        | 300   | 313   | 300   | 309      | 305      | 256   | 305   | 296   | 300         | 3587         |
|                                       | MEAN      | 34.1   | 39.2   | 47.8        | 44.7  | 57.9  | 56.4  | 61.1     | 59.8     | 55.8  | 49.2  | 41.9  | 37.3        | 47.7         |
| ۱,۰۱                                  | S. D.     | - 1    |        | 5.504       | 5.754 | ,     | 4.658 | 3.673    |          | 4.568 |       | 6.356 | 6.472       | 10.290       |
|                                       | TOTAL OBS | 3.4    | 232    | 315         |       | 310   |       | 310      |          | 266   | 305   | 295   | 259         | 3586         |
|                                       | <u> </u>  |        |        | <u> </u>    | i<br> |       | <br>  |          | <u> </u> | ļ     |       |       |             | <del> </del> |
|                                       | MEAN      | 34 . ` | 35.9   | 40.6        | 44.8  | 50.9  | 56.8  | 61.5     | 59.8     | 55.6  | 48.6  | 40.7  | 36.1        | 47.4         |
|                                       | S. D.     | 7.341  | 5.477  | 5.389       | 5.765 | 5.268 | 4.505 | 3.471    | 3.663    | 4.511 | 5.130 | 6.469 | i           | 13.616       |
|                                       | TOTAL OBS | 373    | 282    | 310         | 300   | 310   | 300   | 310      | 305      | 266   | 305   | 294   | 296         | 3591         |
|                                       | MEAN      | 27.3   | 34.2   | 37.7        | 41.2  | 48.1  | 54.2  | 58.7     | 56.2     | 51.3  | 43.0  | 34.9  | 29.3        | 43.2         |
| . ;                                   | S. D.     | 3.574  |        |             |       | 5.26  | 1     |          | 3.899    |       | ŀ     | 6.521 | 1           | 11.553       |
| ·                                     | TOTAL OBS | 207    | 282    |             |       | _     | _     |          | l .      | l .   |       | ſ     |             | 3555         |
|                                       |           |        |        |             |       |       |       |          |          |       |       |       |             |              |
| i                                     | MEAN      | 24.0   | 31.3   | 33.8        | 37.7  | 44.8  | 50.3  | 54.3     | 52.8     | 47.8  | 39.4  | 31.9  | 27.3        | 40.1         |
| 12                                    | S. D.     | .537   | 5.959  | 5.687       | 5.488 | 5.257 | 5.147 | 4.350    | 4.607    | 5.233 | 5.649 | 6.870 | 7.763       | 11.290       |
|                                       | TOTAL OBS | 2 7 3  | 253    | 279         | 27.5  | 308   | 297   | 296      | 247      | 241   | 305   | 278   | 221         | 3225         |
|                                       | MEAN      | 32.5   | 74 7   | 37.0        | 41.4  | 48.2  | 54.0  | 58.4     | 56.7     | 51.8  | 43.9  | 36.1  | 31.3        | 43.6         |
| ALL                                   | S. D.     | 29.5   | 34.3   |             |       |       |       |          |          |       | 1 "   |       | 8.802       | 1            |
| HOURS                                 | TOTAL OBS | 1745   |        |             | 1772  |       |       |          | 1778     |       |       |       |             | 21143        |

#### MEANS AND STANDARD DEVIATIONS

DEW-FOINT TEMPERATURES DES F FROM HOURLY ORSERVATIONS

73-82

| HRS.(L.S.T.) | 1           | JAN.  | FEB.    | MAR.  | A 7 R.   | MAY          | JUN.  | JUL.        | AUG.  | SEP.        | OCT.  | NOV.    | DEC.  | ANNUAL   |
|--------------|-------------|-------|---------|-------|----------|--------------|-------|-------------|-------|-------------|-------|---------|-------|----------|
|              | MEAN        | 11.7  |         |       |          |              |       |             | 41.3  |             |       |         |       | 33.4     |
| 3.1          | S. D.       | • • • |         | }     | ;        |              |       |             |       |             |       |         |       | 15.522   |
|              | TOTAL OBS   |       |         | ·     | ·        |              |       |             | 3     |             |       |         |       | 4        |
|              | MEAN        |       | 17.0    | 25.7  | 24 5     | 34.0         | 400   | 44.0        | 42.0  | 29.5        | 28.7  | 25.0    |       | 29.5     |
| 1.0          | S. D.       | 16.5  | 1 7 a G | 5.007 | 2403     | 34.0         | 40011 | 44.0        | 42.0  | 2 - 0 3     | 2001  | . / • - |       | 9.249    |
| . • •        | TOTAL CBS   |       | ,       | 3.001 | 2        | ,            | 1     | 1           | 3     | 2           | 3     | 1       |       | 2.3      |
|              |             |       |         | ····  |          | <del>-</del> |       |             |       | <del></del> |       |         |       | <u> </u> |
|              | MEAN        | 17.1  | 23.4    | 23.8  | 27.0     | 34.0         | 38.6  | 43.D        | 47.9  | 35.6        | 28.7  | 22.0    | 17.0  | 29.1     |
| 7            | S. D.       | 7.770 | 6.546   | 6.598 | 6 . 85 4 | 6.885        | 7.711 | 7.568       | 7.590 | 7.356       | 7.121 | 7.654   | 8.723 | 11.647   |
|              | TOTAL OBS   |       |         |       | 350      | 1            |       |             |       |             | 305   |         |       | 3578     |
|              | MEAN        | 20 2  |         | 35 3  | 34 1     | 7~ .         | 77 7  | <b>"1 O</b> | 4     | 77 0        | 77 4  | 28.5    | 24.9  | 31.5     |
|              | 1 6         |       | 26.7    |       |          | 33.1         |       |             | 41.0  |             | 31.6  |         |       | 9.419    |
| 1            | S. D.       |       |         | 7.049 |          |              |       |             |       |             |       | 7.045   |       |          |
|              | TOTAL OBS   | 354   | 232     | 310   | 300      | 310          | 300   | 309         | 305   | 266         | 305   | 296     | 370   | 3587     |
|              | MEAN        | 25.2  | 25.1    | 24.1  | 25.7     | 31.6         | 36.2  | 41.1        | 30.9  | 36.1        | 30.8  | 27.5    | 24.6  | 30.5     |
| 1            | 5. D.       |       |         | 7.349 |          |              |       |             |       |             |       | 1       |       | 9.222    |
|              | TOTAL OBS   |       |         | 310   |          |              | 300   |             |       |             |       |         |       | 3586     |
|              |             |       |         |       |          |              |       |             |       |             |       | ļ       |       |          |
|              | MEAN        | ?3.5  | 23.7    | 23.1  | 24.0     | 30.6         | 35.8  | 40.9        |       | 34.6        | 29.1  |         | 23.1  | 29.5     |
| :            | S. D.       | 7.667 | 6.575   | 7.352 | 7.129    | 6.582        | 6.798 | 6.518       | 6.274 | 7.072       | 6.489 | 7.810   | 7.734 | 9.449    |
|              | TOTAL OBS   | 2.3   | 202     | 310   | 300      | 310          | 300   | 310         | 325   | 266         | 305   | 294     | 256   | 3581     |
|              | MEAN        | 10    | 27 (    | 23.1  | 27.0     | 70 6         | 7 5 5 | 79.0        | 36.9  | 33.6        | 28.9  | 24.9    | 20.9  | 20.3     |
|              | S. D.       |       |         | 7.5A3 |          |              |       |             |       |             |       | 8.168   | , 1   | 9.951    |
|              | TOTAL OBS   |       | 282     |       |          |              |       |             |       |             | 305   | 293     |       | 3555     |
|              | 1 10112 022 |       |         |       |          |              |       | 245         | 202   | 200         | 303   |         | • • • | 3333     |
|              | MEAN        | 19.4  | 23.1    | 23.5  | 24.2     | 31.5         | 35.2  | 38.7        | 38.2  | 34.4        | 29.0  | 23.9    | 19.8  | 29.7     |
|              | 5. D.       |       |         | 7.511 |          |              |       |             |       |             |       | 7.938   | 8.478 | 10.324   |
| • •          | TOTAL OBS   | 2 73  |         |       |          |              |       |             |       |             | 305   | 278     | 221   | 3229     |
|              |             |       |         |       |          |              |       |             |       |             |       |         |       |          |
| ALL          | MEAN        | 71.0  |         | 23.9  |          | 31.9         |       |             | 39.4  |             |       | 25.5    | 21.8  | 29.6     |
| HOURS        | S. D.       | ₹.979 | 6.761   | 7.283 |          |              |       |             |       |             |       |         | 8.420 | 10.093   |
|              | TOTAL OBS   | 1745  | 1664    | 1834  | 1772     | 1860         | 1798  | 1846        | 1778  | 1573        | 1833  | 1752    | 1688  | 21143    |

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|   | ; | } |  |

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

### **RELATIVE HUMIDITY**

|         | FILL W. W    | # <b>3 →</b> 6 ° | 9.5%  |
|---------|--------------|------------------|-------|
| STATION | STATION NAME | PERIOD           | MONTH |

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH       | HOURS    |                 |       | PERCENTA | GE FREQUENC | Y OF RELATIVE | E HUMIDITY GR | REATER THAN |      |              | MEAN - RELATIVE | TOTAL          |
|-------------|----------|-----------------|-------|----------|-------------|---------------|---------------|-------------|------|--------------|-----------------|----------------|
| MONTH       | (L.S.T.) | 10%             | 20%   | 30%      | 40%         | 50%           | 60%           | 70%         | 80%  | 90%          | HUMIDITY        | NO. OF<br>OBS. |
| · · · · · · | <u> </u> |                 |       |          |             |               |               | !           |      | <del>-</del> |                 |                |
|             | -        | 101.0           | 100.0 | ~9.7     | 49.0        | 96.           | 59.4          | 67.1        | 34.6 | 10.9         | 76.4            | 3_1            |
|             |          | tur.r           | 170.0 | 100.0    | 7.          | 39.1          | 73.0          | 43.4        | 23.0 | 17.8         | 71.4            | 3_4            |
|             | . ,      | 11 5 <b>.</b> n | 176.5 | 75.7     | 5 1 • 4.    | 5 . 7         | 27.           | 16.1        | 8.9  |              | 54.2            | 354            |
|             |          | an. n           | 1°0.3 | 01.7     | 72.1        | 43.7          | 25.1          | 14.5        | 7.6  |              | 51.8            | 2 3            |
|             |          | 137.0           | 110.0 | 19.0     | 6.3         | 84.7          | 52.3          | 31.0        | 17.2 | ^ <b>.</b> 4 | 65.5            | 297            |
|             |          | 1.00            | 107.0 | A4.6     | 79.1        | 96.;          | 93.7          | 52.4        | 10.a | 21.0         | 73.9            | 233            |
|             |          |                 |       |          |             |               |               |             |      | -            |                 |                |
|             |          |                 |       |          |             |               |               |             |      | <u> </u>     |                 |                |
|             | 34, 14-  |                 |       |          |             |               |               |             | ļ    |              |                 | <del></del>    |
| 101         | ALS      | 101.0           | 170.0 | 57.6     | c0.9        | 16.6          | € •2          | 37.6        | 21.1 | 17.7         | 65.5            | 1742           |

| . ^2    | Fill N. M. |              |
|---------|------------|--------------|
|         |            |              |
| STATION |            | STATION NAME |

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |          |       | PERCENTA | AGE FREQUENC | Y OF RELATIVE | HUMIDITY GE | EATER THAN |      |          | MEAN     | TOTAL        |
|-------|----------|----------|-------|----------|--------------|---------------|-------------|------------|------|----------|----------|--------------|
| MONTH | (L.S.T.) | 10%      | 20%   | 30%      | 40%          | 50%           | 60%         | 70%        | 80%  | 90%      | HUMIDITY | NO OF<br>OBS |
| :     | ;        |          |       |          |              |               |             |            | ·    |          |          |              |
|       |          |          |       |          |              | ļ             |             | :<br>      |      | <u> </u> | . •      |              |
|       |          | ian.n    | 196.0 | 79.6     | 97.2         | 91.6          | 75.5        | 44.3       | 27.4 | F.7      | 69.6     | . ? :        |
|       | ^        | 107.0    | 9.6   | 55.7     | 79.1         | F1.1          | 31.6        | 12.4       | 5.7  | 1.4      | 53.2     | 232          |
|       | 1        | 119.0    | 4.7   | 72.3     | 41.1         | 18.4          | 9.9         | 7.0        | 1.1  | . 4      | 30.8     | . 7-2        |
|       |          | 1.0.n    | 14.   | 64.2     | 34           | 17.4          | 5.0         | 2.5        | 1.4  | . 4      | 37.6     | 292          |
|       |          | 130.3    | 9.5   | 95.7     | 74.5         | 46.1          | 27.5        | 11.        | 4.3  | 1.1      | 71+1     | 7 7          |
|       |          | 100.5    | 19.6  | 98.4     | 74.5         | 75.1          | 45.1        | 22.7       | 7.5  | 1.€      | 6 .0     | 213          |
|       |          | <u> </u> | ļ     |          |              |               |             |            |      |          | :        | <b></b>      |
|       |          | <u> </u> | -     | ļ        |              |               |             |            |      |          | :<br>!   | <del></del>  |
|       |          | <u> </u> |       | ļ        | ļ            |               |             |            |      | ļ        | -        | <del></del>  |
|       |          |          |       |          |              |               |             |            |      |          |          |              |
| 101   | TALS     | 140.7    | 7.0   | 07.5     | 70.2         | 5 • 1         | 32.0        | 17.1       | 7.3  | 1.5      | 51.9     | 1663         |

| MAVAL        | WEATH   | IER SE | RVICE | DETACH | MENT |
|--------------|---------|--------|-------|--------|------|
| <b>ASHEV</b> | ILLE NO | ORTH ( | CAROL | INA    |      |

| 2      | Thought to Mind | 17.45  | 1 to 10 |
|--------|-----------------|--------|---------|
|        |                 |        |         |
| TATION | STATION NAME    | PERIOD | MONTH   |
|        |                 |        |         |

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |            |              | PERCENTA         | GE FREQUENC  | Y OF RELATIVE | E HUMIDITY GR     | EATER THAN   |              |          | MEAN - RELATIVE | TOTAL<br>NO OF |
|-------|----------|------------|--------------|------------------|--------------|---------------|-------------------|--------------|--------------|----------|-----------------|----------------|
| MONIH | (L.S.T.) | 10%        | 20%          | 30%              | 40%          | 50%           | 60%               | 70%          | 80%          | 90%      | HUMIDITY        | OBS            |
| ·     | 5        |            |              |                  |              |               |                   |              | +            |          |                 |                |
|       |          |            | ļ            | <br><del> </del> |              | ļ             | <del> </del>      | <del>i</del> | <u> </u>     | +        | ·               | •              |
|       |          | \ <u>.</u> | 1 2 . 2      | 70.4             | 04.3         | 24.1          | € .:              | 33.0         | 14.          | 4.9      | 54.5            | 3 .            |
|       | r.       | 100.5      | 7.7          | P7.3             | 11.3         | 22.           | 1 .5              | 4.5          | 2.1          | • 4      | 42.6            | . 319          |
|       |          | 100.0      | 5.7          | 40.4             | 20.0         | .,7           | 5.5               | 2.3          | 1.3          | <u> </u> | 73.1            | 31             |
|       | :        | 1 0.0      | 1.3          | 39.7             | 20.0         | 13.5          | 7.4               | 2.           | • 3          | • 3      | 32.2            | 31             |
|       |          |            | 7.1          | 72.5             | 45.5         | 25.5          | 17.2              | 5.5          | 1            | .5       | 41.4            | 31:            |
|       |          | 10.0       | 19.6         | 56.1             | 75.6         | 51.7          | 26.5              | 11.1         | 4.7          | 1.4      | 52.1            | . <u>.</u> ? ? |
|       |          | <u> </u>   | ļ            |                  | ļ            | <del> </del>  | -                 |              | <del> </del> |          | +               | -              |
|       |          | ļ          |              |                  | <b></b>      |               | )<br><del> </del> | <del> </del> |              | ļ<br>    |                 |                |
|       |          | <b></b>    |              |                  | <del> </del> | ļ             |                   | ļ            |              | <u> </u> | <del></del>     | <del>-</del>   |
|       |          | -          | <del> </del> |                  |              | -             | ļ                 | <del> </del> |              | <u> </u> | +               |                |
| 101   | TALS     | 3_3.3_     | 4.1          | 73.3             | 71.7         | 35.23         | 20.6              | 10.0         | 4.2          | 1.3      | 44.3            | 1 - 28         |

| STATION AME | PERIOD | MONT |
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|-------------|--------|------|

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    | 1     |               | PERCENTA | GE FREQUENC | Y OF RELATIVE | HUMIDITY GR | EATER THAN        |        |                   | MEAN RELATIVE | TOTAL<br>NO. OF |
|-------|----------|-------|---------------|----------|-------------|---------------|-------------|-------------------|--------|-------------------|---------------|-----------------|
| MONIH | (L.S.T.) | 10%   | 20%           | 30%      | 40%         | 50%           | 60°°        | 70%               | 80%    | 90%               | HUMIDITY      | OBS             |
| _: _  |          |       |               |          |             |               |             |                   |        | :                 |               |                 |
|       | ·        |       | ļ<br><b>.</b> |          |             |               | ļ           | '<br><del> </del> | :<br>! | •                 |               |                 |
|       |          | 100.0 | 9.7           | 97.7     | 74.3        | 48.7          | 28.         | 17.7              | 7.3    | 4.3               | 52.4          | 35.0            |
|       |          | 100.3 | 1             | 17.3     | 23.         | 12.           | 6.3         | 2.7               | 1.     | !                 | 34.           | 300             |
|       | 1        | 189.C | 67.3          | 24.7     | 14.~        | 7."           | 3.          | .7                | • ?    | !<br><del>!</del> | 27.2          | 3 :             |
|       |          | 47.   | 7.5 . 7       | 2        | 11.7        | 5.7           | 1:.7        | 1.3               | .3_    | ;<br><del>;</del> | 21            | 3.0             |
|       |          | 1.0.5 | 3.7           | 77.7     | 21.0        | 13.           | 3.7         | 7.0               | 1.3    | 1.0               | 31.6          | 3"(             |
|       |          | 100.0 | - 7.4         | 72.2     | 44.4        | 21.0          | 14.4        | 7.4               | 4.1    | 1.5               | 42.5          | ? .             |
|       |          |       |               |          |             | ļ             | <u> </u>    | ļ                 |        |                   | <del></del> - |                 |
|       |          |       |               |          |             |               | -           |                   |        | ł                 |               |                 |
|       |          | ļ     |               |          |             | ļ             | ļ           | <del> </del>      | !      |                   |               | <u> </u>        |
|       | L        | ļ     | <del> </del>  |          |             |               | <b></b>     |                   |        |                   |               |                 |
| TO    | TALS     |       | 7 7           | 42.3     | 71.2        | 19.9          | 19.6        | 4.8               | 2.4    | 1.1               | 35.5          | 177.            |

| NAVAL WEATHER SERVICE DETACHMENT |
|----------------------------------|
| ASHEVILLE, NORTH CAROLINA        |

|         | FILE FAMILY  | ; <u>-</u> | , |
|---------|--------------|------------|---|
| STATION | STATION NAME | PERIOD     |   |

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH    | HOURS        |              |       | PERCENTA     | GE FREQUENC | Y OF RELATIVE | HUMIDITY GRI | EATER THAN                            |                                       |                | MEAN RELATIVE | TOTAL<br>NO OF |
|----------|--------------|--------------|-------|--------------|-------------|---------------|--------------|---------------------------------------|---------------------------------------|----------------|---------------|----------------|
| MONTH    | (L,S.Ť.)     | 10%          | 20%   | 30%          | 40%         | 50°•          | 60%          | 70%                                   | 80%                                   | 90%            | HUMIDITY      | OBS            |
|          | J., J.,      |              |       |              |             |               | <b>+</b>     |                                       |                                       |                |               |                |
|          |              |              |       |              |             |               |              | +                                     | <b>+</b>                              |                | . •           |                |
|          | · · ·        | 100.0        | 1.0.0 | 85.4         | 53.2        | 3             | 15.3         | 5.5                                   | 3.                                    | • <del>K</del> | <u>4:.3</u>   | 311            |
|          |              | 122.7        | 2.3   | 37.7         | 17.7        |               | 2.2          | 2.                                    | 1.3                                   |                |               | 31 .           |
|          | <u> </u>     | 102.0        | 74.   | 19.5         | 0.4         | 4.5           | 3.0          | 1.9                                   | ·<br>•                                |                | 24.5          | . 21.          |
|          |              | 90.7         | 7.    | 16.4         | 5.1         | 4, 0          | 2.3          | 1.5                                   | • •                                   |                | 27.4          |                |
|          |              |              | -4.2  | 27.          | 19.         | 10.           | 4.5          | 2.5                                   | · · · · · · · · · · · · · · · · · · · |                | , · s         | <u></u>        |
| <b></b>  | ļ <u>-</u> _ |              | 7     | 7 •2         | 38.3        | 2 ,4          | 16.5         | · · · · · · · · · · · · · · · · · · · | 2.6                                   |                | 40.4          | 309            |
| i<br>    | -            | <del> </del> | -     | ļ            | ļ           |               | -            | <del> </del>                          |                                       |                |               | · ·-           |
|          | ļ            | ļ            |       | -            |             |               | -            | <del> </del>                          |                                       |                | <del>-+</del> |                |
| <u> </u> |              |              |       |              |             |               | -            | <del> </del>                          | <u> </u>                              |                | ·             |                |
|          |              |              | ļ     | <del> </del> |             |               |              | !                                     | <del></del>                           |                | <del></del>   |                |
| to       | TALS         | 12           | 2.7   | 43.4         | 24.2        | 12.7          | 7.6          | 3.0                                   | 1.4                                   | • 2            | 32.3          | 1559           |

STATION STATION NAME

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH    | HOURS   |       |        | PERCENTA | GE FREQUENC | Y OF RELATIVE | HUMIDITY GRI | EATER THAN |      |       | MEAN RELATIVE  | TOTAL<br>NO OF |
|----------|---------|-------|--------|----------|-------------|---------------|--------------|------------|------|-------|----------------|----------------|
| MONTH    | (L.S.T) | 10%   | 20%    | 30%      | 40%         | 50%           | 60%          | 70%        | 80%  | 90%   | HUMIDITY       | OBS            |
|          | ٠, ر    | i     |        |          |             |               |              |            |      |       |                |                |
| <b>†</b> |         |       |        |          |             |               |              |            | 1    | *     | •              | •              |
|          |         | 1     | ·÷ . 7 | 75.3     | 23.7        | 16.           | 6.7          | 2.7        | 1.5  | . , 7 | <u>. 75</u> .4 | ·<br>          |
|          |         | 100.  | 4.3    | 24.      | 9.3         | 7.7           | 7.           | . 1.       | .,   |       | 26.0           | 3.0            |
|          | 1       | 5.7   | 79.3   | 4 . C    | b e         | 2.3           | 1.7          | 1.         | 1."  |       | ^1.1           | . 275          |
|          | · •     | 39.   | 7      | 8.0      | u.C         | 2, '          | 2.0          | 1.0        | 1.   |       |                | 3.1            |
|          |         | 1 1.5 | 45.03  | 15.7     | 7.          | : • -         |              | 2.3        | 1.00 | . 3   | 23.6           |                |
|          |         | 107.0 | 5.5    | *1.2     | 22.         | 7.4           | 5.7          | 3.7        | 7.4  | . 1.0 | 75.1           |                |
|          |         |       |        |          |             |               |              | <br>       |      |       |                |                |
|          |         |       |        |          |             |               |              | !<br>      |      |       |                | · · · =        |
|          |         |       |        |          |             |               |              | :<br>      | İ    | +     |                |                |
|          |         |       |        |          |             |               |              |            |      |       |                | <del></del> -  |
| 101      | ALS     | 9.9   | - 5    | 20.      | 13.5        | 5.5           | 2.9          | 2.5        | 1.2  | . 4   | 27.2           | _17:1          |

| STATION STATION NAME | PERIOD |
|----------------------|--------|
|----------------------|--------|

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS                                   |                   |         | PERCENTA | GE FREQUENC | Y OF RELATIVE | HUMIDITY GRI | EATER THAN |                  |     | MEAN<br>RELATIVE                      | TOTAL<br>NO OF |
|-------|-----------------------------------------|-------------------|---------|----------|-------------|---------------|--------------|------------|------------------|-----|---------------------------------------|----------------|
| MONTH | (L.S.T)                                 | 10%               | 20%     | 30%      | 40%         | 50%           | 60%          | 70%        | 80%              | 90% | HUMIDITY                              | OBS            |
|       |                                         | ļ<br><del> </del> |         |          |             |               |              | •          | +                |     | •                                     |                |
|       |                                         | <u> </u>          |         |          |             |               | <del></del>  |            | •                |     |                                       |                |
|       | · · · · · · · · · · · · · · · · · · ·   | 33.3              |         | 66.5     | 71.3        | 13.3          | 7.1          | 7.         | . 1.7            |     |                                       |                |
|       |                                         |                   | 53.7    | 17.      | 8.          | 7.~           | 1.1.         | • 3        | +                |     | <u>2</u>                              | . 3            |
|       | <u> š</u>                               | 1.7.5             | 2 · . 4 | .,7      | 3.          | 1.            | • 3          |            | +                | • • | , <u>1°•4.</u>                        | 31             |
|       |                                         | 102.0             | 23.5    | 5.0      | 4.7         | 1.            | 1.3          | . 1.       | ė                |     | 15                                    | <u>.</u>       |
|       |                                         | 107.0             | 35.2    | 12.3     | 5.          | 7.1           | 2.3          | , 1.7      | 1.2              |     | 21.4                                  |                |
|       | · · ·                                   | 3                 | <br>    | 4        | 17.3        | L. F          | 4.:          | 2.4        | 1.7              | 3_  | . 31.0                                |                |
|       |                                         |                   |         |          |             | ļ             |              | <u> </u>   |                  |     | · · · · · · · · · · · · · · · · · · · |                |
|       | ····_ · · · · · · · · · · · · · · · · · |                   |         |          |             |               |              | <br> -<br> | <br><del> </del> |     | · •                                   |                |
|       |                                         |                   |         |          |             |               |              | ļ<br>+     | <u> </u><br>     |     | <del>-</del>                          |                |
|       |                                         |                   |         |          |             |               |              |            |                  |     |                                       | r= 12          |
| 101   | ALS                                     | 100.0             | 2.6     | 29.3     | 11.7        | 5.2           | 2.7          | 1.5        | .3               | • 1 | 2:.4                                  | 1 : 4          |

| NAVAL WEATHER SERVICE DETACHMENT |
|----------------------------------|
| ASHEVILLE, NORTH CAROLINA        |

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE (FROM HOURLY OBSERVATIONS)

| MONTH        | HOURS    |         |      | PERCENTA | GE FREQUENC | Y OF RELATIVE | HUMIDITY GRE | ATER THAN |                                       |             | MEAN - RELATIVE | TOTAL<br>NO OF |
|--------------|----------|---------|------|----------|-------------|---------------|--------------|-----------|---------------------------------------|-------------|-----------------|----------------|
|              | (L.S.T.) | 10%     | 20%  | 30%      | 40%         | 50°°          | 60%          | 70%       | 80%                                   | 90%         | HUMIDITY        | OBS            |
|              |          | I       |      |          |             |               |              |           |                                       |             |                 |                |
| <del> </del> |          |         |      |          |             |               |              |           |                                       |             | <b>→</b>        | •              |
|              |          | 100.0   | 0.3  | 74.4     | 41.C        | 24.3          | 12.1         | ٠,2       | 2.6                                   | 1.7         | <u>. 61</u> . 6 | 3              |
|              | ·        | 1.117.5 | 4 .0 | 23.      | 10.5        | 7.9           | 2.3          | 1.5       | • 7                                   | .3          | 25.             | . 3            |
|              | <u> </u> | 1: 2.2  |      | 1"•"     | 4.3         | 2.6           | 1.3          | • 3       | •                                     |             | <u> </u>        | . 3            |
|              |          | 75.0    | 2    | 3.0      | 4.3         | ī.            | 1.3          | <u> </u>  | • 2                                   | <del></del> | 10.             |                |
|              | _1       |         | 46.5 | 21.4     | 8.9         | 4."           |              | 1         | · · · · · · · · · · · · · · · · · · · | ·           | 23.7            | 3              |
|              |          |         | 07.1 | 2        | 24.7        | 11.7          | 7.3          | 4.0       | 1.2                                   | :•2         | 34              |                |
|              |          | ļ       |      |          |             |               |              | ļ         |                                       |             | ·               |                |
|              |          |         |      |          |             |               |              |           |                                       |             | ····            |                |
|              |          |         |      |          |             |               |              |           |                                       |             | ·               |                |
|              |          |         |      |          |             |               |              |           |                                       |             | <del></del>     | <del></del>    |
| 101          | ALS      | 02.7    | 7.0  | 31.      | 15.7        | 7 ي           | 4.5          | 2.1       |                                       | • 5         | 27.             | 177            |

| NAVAL WEATHER SERVICE DETACHMEN | ١T |
|---------------------------------|----|
| ASHEVILLE, NORTH CAROLINA       |    |

|         |              | × ·      |      |
|---------|--------------|----------|------|
|         | C. C.L. My N | <u> </u> |      |
|         |              |          |      |
| STATION | STATION NAME | PERIOD   | NONT |
|         | •            |          |      |

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |          | 127   | PERCENTA | GE FREQUENC       | Y OF RELATIVE | HUMIDITY GRE | ATER THAN |     |                    | MEAN - RELATIVE | TOTAL<br>NO. OF |
|-------|----------|----------|-------|----------|-------------------|---------------|--------------|-----------|-----|--------------------|-----------------|-----------------|
| MONTH | (L.S.T.) | 10%      | 20%   | 30%      | 40%               | 50%           | 60%          | 70%       | 80% | 90%                | HUMIDITY        | OBS.            |
|       |          |          |       | ,        |                   |               |              |           | •   | •                  |                 |                 |
|       |          | <u> </u> |       |          | ļ<br><del> </del> |               |              | •         | 1   |                    | •               |                 |
|       | <u>.</u> | 202.5    | 100.0 | · 8 • 3  | 17.               | 11.2          | 16.          | 7.        | 5   | 1.r                | 46.6            |                 |
|       |          | :07.5    | 72.2  | 26.9     | 12.               | 7, 7          | 4.9          | 2.3       | 1.5 | +                  | 76.3            |                 |
|       | <u> </u> | 17.6     | u •1  | 15.4     | 6.3               | ļ             | 2,6          | 5         | :   | )<br>              | 22.5            |                 |
|       | ·-··     | 35.4     | -3    | 12.      | 6.                | 2             | 1.9          | • £-      | 5.  | <del>†</del>       | 75.4            |                 |
|       |          | :05.0    | 1.000 | 11.2     | 15.2              | 7.1           | : • 3        | 7,0       | 1.5 | ;<br><del>•</del>  | 24.3            | 2               |
|       |          | 1,       | 6.3   | 67.6     | 73.2              | 17.8          | 10.0         | 6.6       | 2.1 | ;                  | 39.1            | 2               |
|       |          |          |       |          |                   |               | <u> </u>     |           |     |                    |                 |                 |
|       |          |          |       |          |                   |               |              |           |     |                    | <del></del>     | ·               |
|       |          |          |       |          |                   |               |              |           |     |                    | ·               |                 |
|       |          |          |       |          |                   |               |              |           |     | ;<br>;<br><b>;</b> | ·               | <del></del>     |
| 101   | ALS      | 2.3      | 613   | 47.5     | 22.2              | 11.7          | 5.9          | 3.5       | 1.7 |                    | 31.0            | 15              |

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

### RELATIVE HUMIDITY

| 1.00      | 111 2. 4                                | 77-67 |        | · /~ T |
|-----------|-----------------------------------------|-------|--------|--------|
|           |                                         |       |        |        |
| STATION   | STATION NAME                            | •     | PERIOD | MONTH  |
| B. 4 1104 | *************************************** | -     |        |        |

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS             | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |              |      |              |      |              |              |        |             | MEAN<br>- RELATIVE | TOTAL<br>NO. OF |
|-------|-------------------|--------------------------------------------------------|--------------|------|--------------|------|--------------|--------------|--------|-------------|--------------------|-----------------|
|       | (L.S.T.)          | 10%                                                    | 20%          | 30%  | 40%          | 50%  | 60%          | 70%          | 80%    | 90%         | HUMIDITY           | OBS.            |
|       |                   |                                                        |              |      |              |      |              |              | ·      |             |                    |                 |
|       |                   |                                                        |              |      |              | -    |              |              | ;<br>• | +           | -                  |                 |
|       |                   | 130.5                                                  | 100.0        | ^7.7 | £3.4         | 63.5 | 4 7          | 20.3         | ₹.5    | 4.6         | 58.1               | 3               |
|       |                   | 177.0                                                  | 0.2          | 55.7 | 27.2         | 12.5 | 4.3          | 2.           | 1      | .,          | 34.9               | 3 1             |
|       | 1                 | 1 ".5                                                  | 5 5          | 27.5 | 9.5          | ,    | 2.3          | <u> </u>     | 1.5    | . 3         | 27.2               | 3 · r.          |
|       | <u> </u>          | 79.7                                                   | . 3          | 25.2 | 9.3          | 5.2  | 7.6          | 1.5          | • .7   | <del></del> | 25.8               | 3 ~ ~           |
|       |                   | 100.0                                                  | 7.0          | 67.2 | 17.          | 17.7 | 7.5          | 3.5          | 1.3    | .,          | 38.4               |                 |
|       |                   | 100.0                                                  | 1^0.C        | 72.0 | 67.6         | 41.6 | 21.6         | 11.5         | 4.5    | 1.          | 49.9               | 3.5             |
|       | :<br><del> </del> | <del> </del>                                           | <del> </del> |      | <del> </del> |      | <del> </del> | -            |        |             | <del></del>        |                 |
|       |                   | <del> </del>                                           | -            |      |              |      |              |              |        |             |                    |                 |
|       | ·<br>             | -                                                      |              |      |              |      |              | <del> </del> |        | !           | <del></del>        |                 |
| 101   | ALS               | 100.0                                                  | €.0          | 61.4 | 39.5         | 24.3 | 1 4 • 2      | 7.5          | E      | 1.2         | 39.1               | 1271            |

| NAVAL WEATHER SERVICE D  | DETACHMENT |
|--------------------------|------------|
| ASHEVILLE, NORTH CAROLII | NA         |

| STATION 2 | STATION NAME | PERIOD | MONTH |
|-----------|--------------|--------|-------|
|-----------|--------------|--------|-------|

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |      |      |      |      |          |      |                    | MEAN - RELATIVE                       | TOTAL<br>NO OF |
|-------|----------|--------------------------------------------------------|-------|------|------|------|------|----------|------|--------------------|---------------------------------------|----------------|
|       | (L.S.T.) | 10%                                                    | 20%   | 30%  | 40%  | 50%  | 60%  | 70%      | 80%  | 90%                | HUMIDITY                              | OBS.           |
| K+ *  |          |                                                        |       |      |      |      |      | <u> </u> | į    |                    |                                       |                |
|       |          |                                                        |       |      |      |      |      |          |      |                    |                                       |                |
|       |          | 105.0                                                  | 175.0 | 09.7 | 75.6 | 97.7 | 74.6 | \$3.6    | 25.1 | ଦ . ମ              | 7.0.G                                 | 2 5            |
|       |          | 101.0                                                  | B.6   | 32.9 | 74.7 | 45.5 | 25.3 | , 11.5   | 5.1  | !<br>+ - <u></u> - | *1.7                                  |                |
|       | 1        | 110.0                                                  | .3    | 71.7 | 32.5 | 11.0 | 5.0  | 3.4      | . 7  |                    | · · · · · · · · · · · · · · · · · · · |                |
|       |          | 123.5                                                  | 4.3   | 5ª.7 | 73.7 | 14.3 | 5.2  | 4.4      | 1.7  | • •                | ·                                     | 2 4            |
|       |          | 135.0                                                  | 9.3   | 75.2 | ~7.5 | 52.2 | 24.7 | 11.3     |      | <u> </u>           | 72.5                                  | 293            |
|       | ,        | 380.3                                                  | .4.6  | 97.1 | 02.5 | 13.3 | 51.4 | 24.5     |      | 1.0                | 67.5                                  | 273            |
|       |          |                                                        |       |      |      |      |      | <u> </u> |      |                    |                                       |                |
|       |          |                                                        |       |      |      |      |      |          |      | ļ<br>              |                                       |                |
|       |          |                                                        |       |      |      |      |      |          |      |                    | ·                                     |                |
|       |          |                                                        |       |      |      |      |      |          |      | i<br>•             |                                       |                |
| TOT   | TALS     | 1.40.0                                                 | į • į | 67.5 | 67.7 | 48.7 | 72.3 | 16.2     | 7.4  | 2.4                | 51.6                                  | 1771           |

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

### **RELATIVE HUMIDITY**

| STATION | STATION NAME | ; F = 6.7<br>PERIOD | DE C<br>MONTH |
|---------|--------------|---------------------|---------------|
| STATION | STATION NAME | PERIOD              | MONTH         |
|         |              |                     |               |

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| HTMOM    | HOURS    |       |        | PERCENTA     | AGE FREQUENC | Y OF RELATIVE | HUMIDITY GR | EATER THAN |      |     | MEAN RELATIVE | TOTAL<br>NO. OF |
|----------|----------|-------|--------|--------------|--------------|---------------|-------------|------------|------|-----|---------------|-----------------|
|          | (L.S.T.) | 10%   | 20%    | 30%          | 40%          | 50%           | 60%         | 70%        | 80%  | 90% | HUMIDITY      | OBS.            |
| <u>:</u> | <u> </u> |       |        |              |              |               |             |            |      |     | -             |                 |
|          |          |       | 1.75.D | 59.7         | 76.6         | 89.2          | 72          | 55.9       | 25.1 | 6.9 | 70.7          | . ــ<br>۲۱      |
|          |          | 107.6 | 170.0  | · 6.7        | ۶7.          | 73.7          | 49.         | 26.        | 11.7 | 3.7 | 6 . 2         | . <u>3</u> ,^(  |
|          | 1        | :00.0 | 7.3    | A4.6         | 53.8         | 24.7          | 10.7        | 5.7        | 7.   | • 3 | 43.6          | 200             |
|          | <u> </u> | 100.C | 7.     | 56•l         | E1.7         | 25.5          | 10.1        | 5.4        | 2.7  | .7  | 43.1          | 2 9 6           |
|          |          | 1 7.7 | 9.5    | 76.4         | £8.4         | 71.5          | 42.2        | 19.5       | -•3  | 1.4 | 57.8          | 27              |
|          |          | 100.5 | 79.5   | 38.2         | 71.9         | 79.2          | 5 .6        | :E.        | 14.7 | 2.7 | ¥4.1          |                 |
|          |          |       |        |              |              |               |             |            |      |     | •             |                 |
|          |          |       |        |              |              |               |             |            |      |     |               |                 |
| TOT      | ALS      | 110.7 | c . 9  | <b>93.</b> 6 | 78.2         | 1.3.6         | 41.0        | 25.1       | 10.5 | 2.6 | 56.5          | 168             |

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

#### RELATIVE HUMIDITY

| STATION | FILL N. 11. | 7 T w T | MONTH |
|---------|-------------|---------|-------|
|---------|-------------|---------|-------|

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| HTMOM    | HOURS    |        |               | PERCENTA | GE FREQUENC | Y OF RELATIVE | HUMIDITY GR | EATER THAN |      |               | MEAN - RELATIVE | TOTAL<br>NO. OF |
|----------|----------|--------|---------------|----------|-------------|---------------|-------------|------------|------|---------------|-----------------|-----------------|
| MONTH    | (L,S.T.) | 10%    | 20%           | 30%      | 40%         | 50%           | 60%         | 70%        | 80%  | 90%           | HUMIDITY        | OBS             |
|          |          | 130.7  | 106.0         | :7.6     | 90.9        | 76.5          | 6 .2        | 37.6       | 21.1 | 17.           | <u> 85.5</u>    | <u>. 1742</u>   |
|          |          | 1::5.2 | 7.0           | 47.      | 70.2        | 30.1          | 32.5        | 17.1       | 7,3  | 1.0           | 1.9             | 1663            |
| <u>.</u> |          | 1:00.0 | 4.1           | 73.5     | 51.2        | 34.3          | 2           | 10.0       | 4.2  | 1.1           | 44.3            | . 1226          |
| ٦.       |          | 2.0    | 77.7          | 37.3     | 11.2        | 12.5          | 1 .6        | 4.1        | 2.4  | 1.1           | 35.5            | 1270            |
| 5.V      |          | 100.0  | -3.7          | 43.5     | 24.2        | 12.5          | 7           | 7.5        | 1.4  | . •3          | 32.3            | 1549            |
|          |          | , c, e | 5             | 29.7     | 13.         | 5.5           | y.6         | 7.2        | 1.2  |               | 27.2            | 17.7            |
| <u>J</u> |          | 03.0   | 13.6          | 25.3     | 11.7        | 5.2           | 2.7         | 1.5        | • ~  | 1             | 25.4            | 1 - 4 :         |
|          |          | .7.7   | =9.2          | 31.      | 15.7        | 8.7           | 4.6         | 2.1        |      | • •           | . 27.5          | 1772            |
| • =      |          | 17.0   | (1.3          | 40.5     | 22.2        | 11.7          | 6.4         | 3.5        | 1.7  | .3            | 31.             | 15 '1           |
|          |          | 100.0  | 600           | 61.4     | 39.         | 24.3          | 13.2        | 7.5        | 2.8  | 1.7           | 30.1            | 183.            |
| •        |          | 100.3  | 6.0           | 87.5     | 67.7        | 49            | 32.3        | 15.2       | 7,4  | 2.4           | 51.6            | 1751            |
|          |          | 100.0  | 2.9           | 93.5     | 78.2        | 50.6          | 41 ac       | 25.1       | 1445 | :<br><u> </u> | . 56.E          | 1638            |
| 101      | TALS     | 100.0  | 5 <b>ŋ.</b> 8 | 60.1     | 43.0        | 25.7          | 15.7        | 11.1       | 5.1  | 7.1           | 4 . 7           | 21117           |

## VS. WIND DIRECTION

LE N. NV JANUARY 1973-DECE

JAHUADY

| · · · · · · ·                           |              | <del></del> |              |             | IND DIRE      |                | т                | ——          |        |                |             |
|-----------------------------------------|--------------|-------------|--------------|-------------|---------------|----------------|------------------|-------------|--------|----------------|-------------|
| TEMP.                                   | NNW<br>& N   | NNE<br>& NE | ENE<br>& E   | ESE<br>A SE | 35E<br>2.8    | \$\$W<br>& \$W | W.S.W.           | WNW<br>8 NW | CALM   | TOTAL<br>FREQ. | OF<br>TOTAL |
| 122 -                                   |              |             | 1            |             |               |                |                  |             |        |                |             |
| 17 10 121                               |              |             |              |             |               |                |                  |             |        |                |             |
| 12 70 116                               |              |             |              |             |               |                |                  |             |        |                |             |
| 111 07 10                               |              |             |              |             |               |                |                  |             |        |                |             |
| 02 70 106                               |              |             |              |             | i             |                |                  |             |        |                |             |
| 7 TO 101                                |              |             |              | 1           |               |                |                  |             |        |                |             |
| 2 10 % L                                |              |             |              |             |               |                |                  |             |        |                |             |
| 1000                                    |              |             | I            |             |               |                |                  |             |        |                |             |
| 2 10 36                                 |              |             |              |             |               |                |                  |             |        |                |             |
| 7 10 81                                 |              |             |              |             |               |                |                  |             |        |                |             |
| 2 1 " 16                                |              |             | i i          |             |               |                |                  |             |        |                |             |
| <u> </u>                                |              |             |              |             |               |                |                  |             |        |                |             |
| 2 13 60                                 |              |             |              | 25.3        | 50.0          | 25.0           |                  |             |        | 9              |             |
| 2 10 61                                 | 4.5          |             |              | 4.5         | 22.7          | 31.3           | 13.6             | 4.5         | 18.2   | 27             | 1           |
| 2 10 56                                 | 19.0         | 15.5        | 4.8          | 2.4         | 27.4          | 6.7            | 1.2              | 4.8         | 19.0   | £ 4            | 4           |
| 7 10 51                                 | 13.7         | 14.4        | 2.9          | 13.7        | 22.3          | 10.1           | 6.5              | 3.6         | 12.9   | 139            | ۾           |
| 10 40                                   | 13.5         | 15.5        | 4.2          | 9.9         | 19.7          | 4 . 2          | 5 • 2            | 6.1         | 22.5   | 213            | 12          |
| 2 15 41                                 | 19.2         | 14.4        | 6.8          | 8.4         | 12.8          | 2.4            | 6.4              | 4.0         | 25.6   | 253            | 14          |
|                                         | 19.4         | 11.7        | 7 • Q        | 6.3         | 11.4          | 5.4            | 4.8              | 7.0         | 27.0   | 315            | 18          |
| • • • • • • • • • • • • • • • • • • • • | 18.5         | 10.0        | 6 • 3        | 3.7         | 12.6          | 5.9            | 3.0              | 5.6         | 34.4   | 277            | 15          |
| 2 10 26 🗓                               | 11.4         | 9.2         | 6.5          | 4.9         | 14.7          | 5.4            | 5.4              | 4.7         | 37.5   | 184            | 17          |
| 10.1                                    | 5 • <b>5</b> | 13.9        | 4 . 6        | 7.4         | 4.6           | 4.6            | 2.8              | 1.9         | 53.7   | 1 C a          | દ           |
|                                         | 3.3          | 7.9         | <b>0.3</b>   | 1.6         | 17.5          | 11.1           | 4.8              | 3 • 2       |        | 63             | 3           |
| f(+ 1)                                  | 6.7          | 4.4         | 4.4          | 6.7         | 11.1          | 2.2            | 4 . 4            |             | 60.5   | 4.             | 7           |
| -                                       |              | 5.7         |              | 5.7         | 15.0          | 10.0           | 10.0             |             | 50.0   | 7.1            | 1           |
| 3 to 1                                  | 5.0          |             | 5.9          |             | 17.6          | 5.9            |                  |             | 64.7   | 1 7            | 1           |
| 510-4                                   |              |             |              |             | 3 G • D       | - '            |                  | 1           | PC • 0 | 5              |             |
| 13 % - 9                                | 170.0        | •           |              |             |               |                |                  |             |        | 1'             |             |
| 18 1.3 - 14                             |              |             |              |             |               |                |                  |             | 1.0.0  |                |             |
| 23 10 -15                               |              |             |              | •           |               |                |                  |             |        | i              |             |
| 25 10 -24                               |              | į.          |              |             | 1             |                | <u>.</u> <u></u> |             |        |                |             |
| 33 TO - 24                              |              |             |              |             |               | <u></u> j.     | <u>.</u>         | i           |        |                |             |
| 36 TO - 34                              |              |             | 1            |             |               |                |                  |             |        |                |             |
| 43 to - 39                              | I            |             |              |             | l             |                | I                |             |        |                |             |
| 48 72 44                                |              |             |              |             | . <u>.</u> [. | 1              | <u>_</u>         |             |        |                |             |
| 52 10 45                                |              |             | <del>.</del> |             | I             |                | <u> </u>         |             |        |                |             |
| ne d                                    |              | I           |              |             |               |                | I                |             |        |                |             |
|                                         |              |             |              |             | I             |                | I                |             |        |                |             |
| TOTALS                                  | 15.0         | 11.8        | 5.6          | 6.6         | 15.0          | 5.8            | 4 . 8            | 4.5         | 35.7   | 1745           | 100.        |

#### VS. WIND DIRECTION

FALL 14, 114

JANUARY 1973-DECEMBER 1982 FERRUARY

|                                       |        | * 4 * 1 * 4         | A * * * |                                       |           |       |             |      |       | MICN TH |       |
|---------------------------------------|--------|---------------------|---------|---------------------------------------|-----------|-------|-------------|------|-------|---------|-------|
|                                       |        |                     |         | ,                                     | WIND DIRE | CTION |             |      |       |         |       |
|                                       | NNV.   | •.•.                | t NF    | E \$ E                                | 554       | 557.  | wsw :       | WNW  | SALM  | TOTAL   | T 3F  |
| TENIP.                                | 8 N    | 8_NE 1              | A :     | & SE                                  | 8 5       | 8 5 W | 8 17        | 8 NW | SALV  | FREQ.   | TOTAL |
| 122 -                                 |        |                     |         | ;<br>                                 |           |       |             |      |       |         |       |
| 117 TO 121                            |        |                     | ·       |                                       |           |       |             |      |       |         |       |
| 112 10 115                            |        |                     |         |                                       |           |       |             |      |       |         |       |
| 197 TO 111                            |        |                     |         |                                       |           |       |             |      |       |         |       |
| 102 TO 106                            |        |                     |         |                                       |           |       |             |      |       |         |       |
| 16: 51 40                             |        |                     |         |                                       |           |       |             |      |       |         |       |
| 92 10 %                               |        |                     |         |                                       |           |       |             |      |       |         |       |
| 87 TO 11                              |        |                     |         |                                       |           |       |             |      |       |         |       |
| 82 TC 36                              |        |                     |         |                                       |           |       |             |      |       |         |       |
| 77 TO 87                              |        |                     |         |                                       |           |       | 100.0       |      |       | 1       | •     |
| /2 10 76                              |        |                     |         |                                       | 0 C • C   |       |             |      | 20.0  | 5       |       |
| 67 10 71                              | 14.5   |                     | 73.6    |                                       | 29.6      | 14.3  |             |      | 14.3  | 7       | •     |
| 62 Fi) 66 !                           | 9.5    | 27.5                | 5.9     | 7.8                                   | 13.7      | 13.7  | 9.8         | 3.9  | 7.9   | 51      | 3.    |
| 57 10 5                               | 2.2    | 14.3                | 5.5     | 6.6                                   | 23.1      | 11.0  | 9.9         | 6.5  | 23.9  | 91      | 5.    |
| 12 10 16                              | 9.5    | 13.0                | 5.6     | 10.7                                  | 18.1      | 14.1  | 10.7        | 3.4  | 15.8  | 177     | 10.   |
| 47 TO 51                              | ह.5    | 11.5                | 7.2     | 11.3                                  | 21.7      | 8.7   | 9.5         | 6.1  | 16.7  | 263     | 15.   |
| 42 TO 46                              | 12.1   | 11.7                | 10.2    | 9.1                                   | 16.2      | 4.5   | 11.3        | 5.8  | 18.1  | 765     | 15.   |
|                                       | 15.6   | 9.7                 | 4.5     | 9.3                                   | 16.0      | 3.7   | 7.4         | 6.7  | 27.1  | 26.0    | 15.   |
| · · · · · · · · · · · · · · · · · · · | 14.4   | 7.4                 | 5.3     | 10.2                                  | 12.7      | 5.3   | 5 . 3       | €.6  | 30.3  | 744     | 14.   |
| Ţ.,                                   | 12.7   | 6.7                 | 4.7     | 12.0                                  | 17.3      | 5.3   | 6.3         | 6.0  | 29.3  | 157     | ₽.    |
|                                       | 10.0   | 1.1                 | €.7     | 3.3                                   | 16.7      | 4.4   | 3.3         | 6.7  | 47.5  | Ġ.      | 5.    |
|                                       |        | 2.6                 | i       | 7.9                                   | 18.4      | 5.3   | 5.3         | 10.5 | 47.4  | 3.5     | 7.    |
| initia.                               |        | · · · · · · · · · · |         | 13.2                                  |           |       |             |      | 81.8  | 11      | •     |
|                                       |        |                     |         | ס.פרו                                 | +         |       |             |      |       | 1       | •     |
| 2 T 1 +                               | ***    |                     |         | <u> </u>                              |           |       |             |      |       |         |       |
|                                       |        |                     |         | <del>.</del> +-                       |           |       |             |      | 100.0 |         |       |
|                                       |        |                     |         | +                                     |           |       |             |      |       |         |       |
|                                       |        | · •                 |         |                                       |           |       |             |      |       |         |       |
| and the state of the                  |        |                     |         |                                       |           |       |             |      |       |         |       |
|                                       |        | · · ·               |         |                                       |           |       |             |      |       |         |       |
| ب<br><u>به</u> کاکه                   |        |                     |         | <del>-</del>                          |           |       |             |      |       |         |       |
| = 31.1c 29                            |        |                     |         |                                       |           |       |             |      |       |         |       |
| - 16 10 .4                            |        |                     |         | ł <del>-</del>                        |           |       |             |      |       |         |       |
| 40 . 22                               |        |                     |         | ·                                     |           |       |             |      |       |         |       |
|                                       |        | <del> </del>        |         | · · · · · · · · · · · · · · · · · · · | +         |       |             |      |       |         |       |
|                                       | -      |                     |         | •                                     | '         |       | <del></del> |      |       |         |       |
|                                       |        |                     | i —     | <del> </del>                          |           |       |             |      |       |         |       |
|                                       |        |                     |         | <del>}</del>                          |           |       |             |      |       |         |       |
|                                       | - 11:- | 10.3                | 5.3     |                                       | 17.3      | 5.9   | 6.2         | 5.1  | 24.5  | 1868    | 100.  |

٧s.

WIND DIRECTION

JANUARY 1973-0: CEMEE# 1982

MARCH

|                |              | STAT ON N   |       | ٧                                                 | VIND DIRE     | CTION        |              |      |             |              |                  |
|----------------|--------------|-------------|-------|---------------------------------------------------|---------------|--------------|--------------|------|-------------|--------------|------------------|
| TEANP.         | NNW          | NNE         | ENE   | ESt                                               | 328           | 5514         | W 2 W        | WNW  | CALN        | TOTAL        | . or             |
|                | 8 N          | 8 NE        |       | & SE .                                            | _ & <u>\$</u> | 8 SW         | & v-         | & NW |             | FREQ.        | TOTAL            |
| 122 ·          |              |             |       | +                                                 |               |              |              |      |             |              |                  |
| 7 (0 12)       |              |             |       |                                                   |               |              |              |      |             |              |                  |
| 12 10 116      |              |             |       |                                                   |               |              |              |      |             |              |                  |
| 7 10 111       | <del>-</del> | <del></del> |       |                                                   |               |              |              |      |             |              |                  |
| 02 TO 106      |              |             |       |                                                   |               |              |              |      |             |              |                  |
| 10 101         |              |             |       |                                                   |               |              |              |      |             |              |                  |
| 00 01          |              |             |       |                                                   |               |              |              |      |             |              |                  |
| 10 91          | ·            |             |       |                                                   |               |              |              |      |             | ·· ··        |                  |
| 2 TC 36        |              |             |       |                                                   | 1 110 0       |              |              |      | <del></del> |              |                  |
| 10 81          | 3.           |             |       | ·                                                 | 100.0         | 33 (         |              |      | 21.4        | 1            |                  |
| 10 76          | 21.4         |             | 7.1   | 7.1                                               | 21.4          | 21.4         |              | 7.0  | 9.3         | 1 4          | _                |
| 10 71          | 14.0         | 14.0        | - 1   |                                                   | 23.3          | 9.3          | 16.3         | 5.8  | 13.2        | 121          | - ?              |
| TO 66          | 11.6         | 5.8         | 5.8   | 6.6                                               | 19.0          | 17.4         |              | 8.0  |             | 174          | 6                |
| TO 61          | 9.8          | 10.3        | 4.0   | 8.0                                               | 18.4          | 9.5          | 16.7         | 11.3 | 13.2        | 274          | 14               |
| 10 56          | 15.0         |             | 5.1   |                                                   | 17.2          | 7.5          | 15.0         |      |             | 293          |                  |
| 10 51          | 17.7         | 8.2         | 9.5   | 7.9                                               | 9.8           | 5.1          | 11.6         | 14.0 | 11.3        | 316          | 16               |
| 10 46          | 19.7         | 5.3         | 3.9   | 6.2                                               | 13.9          | 5.7          | 17.0         | 13.5 | 15.4        | 2 E Ø        | 14               |
| 10 41          | 19.1         | 4 . 5       | 4.1   | 4.1                                               | 10.0          | 7.7          | 9.5          | 14.5 | 26.4        | 220          | $-\frac{17}{12}$ |
| 10 36          | 12.9         | 4.7         | 4.1   | 4.7                                               | 21.2          | 7.1          | 7.1          | 10.6 | 31.8        | 95           | 4                |
| 10 31          | 11.1         | 14.5        | 3.7   | 7.4                                               | 11.1          | 7 • 1        | 7.4          | 3.7  | 40.7        | 27           | <del>-</del> -   |
| 10 26          | 14.3         |             |       | 28.6                                              | 28.6          |              | 14.3         | 3.1  | 14.3        |              |                  |
| 10.1           |              |             | 100.0 | 60.00                                             | 20.0          | <del>-</del> | 17.03        |      | 1703        | <del>-</del> |                  |
| 10 %           |              | +           | 1:0:0 |                                                   |               |              |              |      |             |              |                  |
| 10 11          |              |             |       | · · · · · · <del>· · · · · · · · · · · · · </del> |               | +            |              |      |             |              |                  |
| 10.6           |              |             |       | · ‡                                               |               |              |              |      |             |              |                  |
| 3 10 1         | +            |             | +     |                                                   |               |              | <del>-</del> |      |             |              |                  |
| <u>  4-014</u> | +            |             |       |                                                   |               |              |              |      |             |              |                  |
| 1. 10 - 4      |              |             | +     |                                                   |               |              |              |      |             |              |                  |
| 18 13 - 14     |              |             | +     | +                                                 |               |              |              |      |             |              |                  |
| 23 10 - 19     |              |             |       |                                                   |               |              |              |      |             |              |                  |
| 26 10 -24      |              |             |       |                                                   |               |              |              |      |             |              |                  |
| 33 10 - 29     |              |             |       |                                                   |               |              |              |      |             |              |                  |
| 35 10- 34      |              |             |       |                                                   |               | +            |              | ···· |             |              |                  |
| 43 10- 39      | +            |             |       |                                                   | +             |              |              |      |             |              |                  |
| 48 fc) - 44    |              |             |       | <del></del> +-                                    |               |              |              |      |             |              |                  |
| 23 fc: -44     |              |             |       |                                                   |               |              |              |      |             |              |                  |
| 28 TO 54       |              |             |       |                                                   |               |              |              |      |             |              |                  |
| S.A. AR        | 16.6         | 7.8         | 5.1   | 6.6                                               | 14.4          | 8.1          | 12.9         | 11.8 | 16.7        | 1835         |                  |

NAVWEASERVCOM

FALLIN, NV

### VS.

#### WIND DIRECTION

JANUARY 1973-BECEMBER 1782 APRIL

| 1           | 1                                     | . 1                                   |          |                 |      |                 |      |                | į.    |                | _     |
|-------------|---------------------------------------|---------------------------------------|----------|-----------------|------|-----------------|------|----------------|-------|----------------|-------|
| TENT        | 8 %                                   | 8 NE                                  | int      | ESe<br>A SE     | 255  | \$\$V.<br>8.5V. | 8 A  | 8 NW           | CALM  | TOTAL<br>FREQ. | TOTAL |
| 122         |                                       |                                       |          | . <del></del> . |      |                 |      |                |       |                |       |
| 17 10 121   | 1                                     |                                       | <u>į</u> |                 |      |                 |      |                |       |                |       |
| 112 10116   | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · |          |                 |      |                 |      |                |       |                |       |
| 07 10 111   | ·<br>                                 |                                       |          |                 |      |                 |      |                |       |                |       |
| 02 to 106   |                                       |                                       | i<br>    |                 |      |                 |      |                |       | I              |       |
| 92 10 101   |                                       |                                       |          | <u> </u>        |      |                 |      |                |       |                |       |
| 2 13 %      |                                       | <u>_</u>                              |          |                 |      |                 |      |                |       |                |       |
| 37 to 91    |                                       |                                       | 1        |                 |      |                 |      |                | 170.0 | 7              | •     |
| 82 TO 86 _  | 6.7                                   | 5.7                                   |          | t: •7           | 40.0 | 13.3            | 23.0 | <b>□ 0 • 7</b> | ·     | 1 =            | •     |
| 22 TO 85    | 15.9                                  | 2.3                                   | 2.3      | 4 . 5           | 15.9 | 19.2            | 18.2 | 9.1            | 13.5  | 44             | 2.    |
| 72 10 76    | 20.2                                  | 2.1                                   | 9.5      | 4 . 3           | 18.1 | 12.9            | 14.9 | 8.5            | 10.6  | 94             | 5.    |
| 67 10 71 T  | 19.2                                  | 7.0                                   | 8.6      | 7.3             | 7.9  | 7.3             | 16.6 | 13.2           | 11.9  | 151            | 8.    |
| 62 TJ 66    | 15.0                                  | 8 • 1                                 | 5.7      | 3 • 9           | 12.8 | 8.1             | 19.4 | 12.3           | 11.3  | 211            | 11.   |
| 57 10 ~1    | 19.4                                  | 13.9                                  | 6.1      | 4 • 1           | 9.8  | 8 • 6           | 16.4 | 12.3           | 10.2  | 244            | 13.   |
| 52 T.0 S6   | 24.0                                  | 9.6                                   | 3 • 1    | 4 • 1           | 7.9  | 6.5             | 15.4 | 16.5           | 11.3  | 5.55           | 16.   |
| 47 10 51 ]  | 19.3                                  | 9 . 8                                 | 2.2      | 5 • 1           | 11.3 | 5.1             | 16.1 | 16.4           | 15.7  | 274            | 15.   |
| 42 10 46    | 18.5                                  | 8.5                                   | 2.8      | 5 • 6           | 9.5  | 2.8             | 14.7 | 18.0           | 18.5  | 211            | 11.   |
| 7 10 41     | 24.8                                  | 5.0                                   | 2.8      | 2 • 1           | 5.7  | 6.4             | 17.7 | 22.7           | 12.8  | 141            | 8.    |
| 32 70 76 3  | 14.7                                  | 6.7                                   | 2.7      | 9.3             | 10.7 | 6.7             | 13.3 | 17.3           | 15.7  | 72             | 4.    |
| 27 10 31    | 12.5                                  |                                       | 12.5     |                 | 31.3 | 6.3             | 6.3  | 6.3            | 25.0  | 16             | •     |
| 22 10 26    |                                       |                                       | i        |                 |      |                 |      |                | 100.0 | 1              | •     |
| <u> </u>    |                                       |                                       |          |                 |      |                 |      |                |       |                |       |
| 1, 10 16    |                                       |                                       |          | ·               |      |                 |      |                |       |                |       |
| . 10 H .    | <u>_</u>                              |                                       |          |                 |      |                 |      |                |       | I              |       |
| 2106        |                                       | I                                     |          |                 |      |                 |      |                |       |                |       |
| 3.103.1     | !<br># #                              |                                       |          |                 | 1    |                 |      |                |       |                |       |
| b * 3 = 4   |                                       | 1                                     | . 1      |                 |      |                 |      |                |       |                |       |
| 12.52.00    |                                       |                                       |          |                 | i    |                 |      |                |       |                |       |
| 18.73.114   | i                                     | - 7                                   | 1        |                 |      |                 |      |                |       |                |       |
| -21 10 17   |                                       |                                       |          |                 |      |                 |      |                |       |                |       |
| - 28 1∪ 24  |                                       |                                       | 1        |                 |      |                 |      | _              |       |                |       |
| _33 TO = 29 |                                       |                                       |          |                 | 1    |                 |      |                |       |                |       |
| -38 TO 34   |                                       |                                       |          |                 |      |                 |      |                |       |                |       |
| -43 10 - 39 |                                       |                                       |          |                 |      |                 |      |                |       |                |       |
| 45 TO 44    |                                       |                                       |          |                 |      |                 |      |                |       |                |       |
|             | i                                     |                                       | •        | •               | i    |                 |      |                |       |                |       |
| 15 70 - 54  |                                       |                                       |          |                 |      |                 |      |                |       |                |       |
| 54.8 LWR    |                                       |                                       |          |                 |      |                 |      |                |       | 1              |       |
| TOTALS      | 10.7                                  | 3.4                                   | 4.4      | 4.9             | 10.6 | 7.1             | 16.2 | 15.3           | 13.4  | 1772           | 130.  |

VS.

# WIND DIRECTION

-71.72 FALL 21, MV

JANUARY 1973-DECEMBER 1042

MAN

|              |              | STATION NA                              | 52.1         |                    |          |       | 1 5 AR 1 |      |      | 4.07  |       |
|--------------|--------------|-----------------------------------------|--------------|--------------------|----------|-------|----------|------|------|-------|-------|
|              |              |                                         |              | w                  | IND DIRE | CTION |          |      |      |       |       |
|              | NNW          | NNE                                     | ENE          | ESE                | 55 f     | ssw   | wsw      | wnw  | CALM | TOTAL | ₹÷ OF |
| TEMP.        | 8 N          | 8 NE                                    | 8. E         | 8 SE               | 8.5      | 8 SW  | 8 W      | 8 NW | CALM | FREQ. | TOTAL |
| 122 -        |              |                                         |              |                    |          |       |          |      |      |       |       |
| 12 to 121    |              |                                         |              |                    |          |       |          |      |      |       |       |
| 112 10 116   |              |                                         |              |                    |          |       |          |      |      |       |       |
| 07 10 111    |              |                                         |              |                    |          |       |          |      |      |       |       |
| 02 TO 106    |              |                                         |              |                    |          |       |          |      |      |       |       |
| 7 10 101     |              |                                         |              |                    |          |       |          |      |      |       |       |
| 2 TO %       | 50.0         |                                         |              |                    |          |       | 50.0     |      |      | 2     | •     |
| 37 TO 91     | 16.1         | 6.5                                     | 3.2          | 3.2                | 3.2      | 3.2   | 32.3     | 22.6 | 9.7  | 31    | 1.    |
| 82 TO 86     | 13.8         | 13.8                                    | 8.5          | 3.2                | 5.3      | 10.6  | 19.1     | 18.1 | 7.4  | 94    | 5.    |
| 77 TO 81     | 22.4         | 12.5                                    | 5.8          | 1.1                | 4.7      | 7.4   | 22.1     | 16.8 | 6.8  | 197   | 17.   |
| 2 0 76       | 19.9         | 13.5                                    | 7.1          | 3.0                | 6.0      | 6.8   | 23.7     | 15.8 | 7.1  | 266   | 14.   |
| 7 10 71      | 23.2         | 14.3                                    | 5.9          | 3.7                | 7.0      | 5 . 1 | 15.8     | 15.1 | 9.9  | 272   | 14.   |
| 52 TO 66     | 20.5         | 10.4                                    | 5 • 5        | 1.6                | 6.8      | 6.8   | 16.9     | 17.9 | 13.0 | 307   | 16.   |
| 57 10 51     | 20.0         | 6.7                                     | 4.5          | 4.9                | 11.8     | 2.9   | 15.9     | 19.6 | 13.5 | 245   | 13.   |
| 52 TO 56     | 20.2         | 7.7                                     | 3.8          | 4.9                | 8.2      | 7.2   | 17.3     | 14.9 | 15.9 | 208   | 11.   |
| 17 TO 51     | 21.0         | 10.5                                    | 3.2          | 5.6                | 10.5     | 4.7   | 12.9     | 21.0 | 11.3 | 124   | 6.    |
| 42 TO 46     | 22.9         | 4.8                                     | 4 . 8        | 4.8                | 6.D      | 6.0   | 15.7     | 27.7 | 7.2  | P. S. | 4.    |
| 7 to 41      | 15.2         | 12.1                                    | 6.1          | 3.0                | 6.1      | 9.1   | 30.3     | 15.2 |      | 33    | 1.    |
| 32 10 36     | 20.0         | 20.0                                    |              |                    |          | 20.0  | 27.0     |      | 20.0 | ٦     | •     |
| 27 TO 31     |              |                                         |              |                    |          |       |          |      |      |       |       |
| 22 10 26     |              | · · · · · · · · · · · · · · · · · · ·   |              |                    |          |       |          |      |      |       |       |
| 1 10 21      |              |                                         |              |                    |          |       |          |      |      |       |       |
| 1, 10 16     |              |                                         | <del>-</del> |                    |          |       |          |      |      |       |       |
| 7 10 11      | !            |                                         |              |                    |          |       |          |      |      |       |       |
| 2 10 6       |              | 1                                       |              |                    |          |       |          |      |      |       |       |
| - 1.         |              |                                         |              |                    |          |       |          |      |      |       |       |
| a 1:0 - 4    |              |                                         | 1            |                    |          |       |          |      |      |       |       |
| و جوزو       |              | 1                                       |              |                    |          |       | ··· ]    |      |      |       |       |
| 18 3. 24     | <b>- -</b> - |                                         | •            |                    |          |       |          |      |      | 1     |       |
| -2110 19     |              | - · · · - · · · · · · · · · · · · · · · |              | ··· <del>*</del> - |          |       |          |      |      |       |       |
| - 28 10 - 24 |              |                                         |              |                    |          |       |          |      |      |       |       |
| - 33 *0 - 29 |              |                                         | · ;          |                    |          |       |          |      |      |       |       |
| -28 10 -34   |              |                                         |              | 1                  |          |       |          |      |      |       |       |
| 40 ft - 39   |              |                                         |              |                    | T        |       |          |      |      |       |       |
| 48 153 - 441 |              |                                         |              |                    |          |       |          |      |      |       |       |
| 53.10 - 42   |              |                                         |              |                    |          |       |          |      |      |       |       |
| 15 TU - 14   |              |                                         |              |                    |          |       |          |      |      |       |       |
| 51.5 CAP     |              |                                         |              |                    |          |       |          |      |      |       |       |
| TOTALS       | 20.6         | 10.8                                    | 5.4          | 3.4                | 7.4      | 6.1   | 18.1     | 17.6 | 10.5 | 1860  | 100.  |

# WIND DIRECTION

WIND DIRECTION

JANUARY 1973-RECEMBER 1982

JUN

|                       |              | * . * |              |              |                                     |       | FARE |          |      | *** e * * * |       |
|-----------------------|--------------|-------|--------------|--------------|-------------------------------------|-------|------|----------|------|-------------|-------|
|                       |              |       |              | ٧            | IND DIRE                            | CTION |      |          |      |             |       |
| 1                     | NN G         | NNE   | £*f          | £2:          | 55E                                 | ssw   | wsw  | WNW      | T    | TOTAL       | : Jf  |
| TENTP.                | & N          | A NE  | S F          | & SE         | 8.5                                 | 8 SW  | 8 %  | 8 NW     | CALM | FREQ.       | TOTAL |
| 122 -                 |              |       |              |              |                                     |       |      |          |      |             |       |
| 17 10 121             |              |       |              |              |                                     |       |      |          |      |             |       |
| 12 10 / 16            |              |       |              |              |                                     |       |      |          |      |             |       |
| 07 10 111             |              |       |              |              |                                     |       |      |          |      |             |       |
| 02 70 106             |              |       |              |              | 100.0                               |       |      |          |      | 1           | •     |
| 7 to 101              |              | 13.3  | 5.7          |              | 6.7                                 | 6.7   | 40.0 | 26.7     |      | 15          |       |
| 2 10 %                | 16.5         | 10.6  | 5.9          | 1.2          | 8.2                                 | 11.8  | 15.3 | 20.5     | 10.6 | 85          | 4.    |
| 37 10 91              | 21.4         | 10.2  | 4.6          | 1.3          | 7.7                                 | 5.6   | 22.4 | 18.4     | 8.7  | 196         | 15.   |
| 12 TO 86              | 17.3         | 9.8   | 5.5          | 3.5          | 5.1                                 | 6.7   | 22.0 | 23.0     | 10.2 | 255         | 14.   |
| '' TO 8'              | 19.6         | 10.1  | 6.5          | 4.0          | 4.7                                 | 5.1   | 23.9 | 15.2     | 10.9 | 276         | 15.   |
| 72 10 76              | 21.1         | 9.2   | 2.7          | 1.7          | 7.1                                 | 3.1   | 26.2 | 15.6     | 13.3 | 294         | 16.   |
| 57 10 71              | 20.1         | 7.6   | 2.3          | 1.5          | 8.7                                 | 6.3   | 19.7 | 19.3     | 14.0 | 264         | 14.   |
| 02 10 66              | 19.1         | 7.2   | 1.0          | 1.0          | 12.4                                | 4.3   | 22.5 | 14.8     | 17.7 | 229         | 11.   |
| 97 TO 91              | 23.6         | 7.3   | 3.3          | 3 • 3        | 3.3                                 | 4.9   | 17.9 | 21.1     | 15.4 | 123         | 6.    |
| 52 70 56              | 25.0         | 12.5  | 7.1          | 1.3          | 7.1                                 | 8.9   | 14.3 | 12.5     | 10.7 | 56          | 3.    |
| 42 10 51              | 18.2         | 9.1   | 13.6         |              | 13.6                                | 4.5   | 13.6 | 18.2     | 9.1  | 2.2         | 1.    |
| 42 10 46              |              |       |              |              |                                     |       | 50.0 |          | 50.0 | 2           | •     |
| 12 10 41              |              |       | <del>-</del> |              |                                     |       |      |          |      |             |       |
| <del></del>           |              |       |              |              |                                     |       |      |          |      |             |       |
| 27 TO 31              |              |       |              |              |                                     |       |      |          |      |             |       |
| 22 TO 26              |              |       |              |              |                                     | +     |      |          |      |             |       |
| 11 10 21              |              | 1     |              | <del>-</del> |                                     |       |      |          |      |             |       |
| 12 10 10              |              |       |              |              |                                     |       |      |          |      |             |       |
| 7 72 11               |              |       |              | +            |                                     |       |      |          |      |             |       |
| 2 10 6                |              |       |              |              |                                     |       |      |          |      |             |       |
| -3 10 1               |              |       |              | +            |                                     |       |      |          |      |             |       |
| · 6 * O - 4           |              |       |              |              |                                     |       |      |          |      |             |       |
| 13 10 -9              |              |       |              | +            |                                     |       |      |          |      |             |       |
| - 18 73 14            | 1            | +     |              |              |                                     |       | ···· | ·        |      |             |       |
| 23 10 19              | <del>-</del> |       |              |              |                                     |       |      |          |      |             |       |
| - 28 fO - 24          |              |       | ··· +-       |              |                                     |       |      |          |      |             |       |
| -33 TC -29            |              |       |              |              |                                     |       |      |          |      |             |       |
| - 38 10 34            |              |       |              |              |                                     |       |      |          |      |             |       |
| -43 TU=-39            |              |       |              |              |                                     |       |      |          |      |             |       |
| 48-705-04             |              |       |              |              |                                     |       |      |          |      |             |       |
| غا<br>المحفادية (12 م |              |       | +            | *-           | · · · · · · · · · · · · · · · · · · |       |      |          |      |             |       |
| 38 10 - 54            |              |       |              |              |                                     |       |      | <u>-</u> |      |             |       |
| STR LWR               |              |       |              |              |                                     |       |      |          |      |             |       |
| TOTALS                | 17.8         | 9.1   | 4.1          | <u>2.</u> Z  | 7.3                                 | 5.6   | 22.0 | 17.5     | 12.4 | 1798        | 1:0.  |

# WIND DIRECTION

FALLON, NV STATION STATION NAME JANUARY 1973-DECEMBER 1982 JULY

| TEMP.       | NNW            |             | <del></del> |               | IND DIRE     |       |                        |      |             |                  |             |
|-------------|----------------|-------------|-------------|---------------|--------------|-------|------------------------|------|-------------|------------------|-------------|
|             |                | NNE         | ENE         | ESE           | 35.6         | \$5W  | wsw                    | WNW  | CALA        | TOTAL            | :- OF       |
|             | 8 N            | & NE        | 3.8         | & SE          | 2.8          | 8 510 | 8 14                   | & NW |             | FREQ.            | TOTAL       |
| 122 -       |                |             |             |               |              |       |                        |      |             |                  |             |
| 117 TO : 21 |                |             |             |               |              |       |                        |      |             |                  |             |
| 112 10 116  |                |             |             |               | +            |       |                        |      |             |                  |             |
| 107 10 111  | 3.             |             |             |               |              |       |                        |      |             |                  | <del></del> |
| 102 TO 106  | 26.1           | 13.0        |             |               |              | 4 . 3 | 13.0                   | 34.8 | 8.7         | 2 7              | 1.          |
| 97 10 101   | 24.5           | 12.2        | 3.1         | 3.1           | 2.0          | 7.1   | 19.4                   | 21.4 | 7.1         | 98               | 5.          |
| 92 10 96    | 20.2           | 10.1        | 4.0         | 2.8           | 4 . 5        | 6.5   | 21.1                   | 19.4 | 11.3        | 247              | 13.0        |
| 87 10 91    | 20.7           | 11.0        | 6.3         | 1.1           | 4.1          | 5.2   | 23.1                   | 21.2 | 7.2         | 363              | 19.         |
| 82 TO 86    | 21.9           | 8.3         | 5.0         | 2.2           | 6.8          | 5.4   | 28.1                   | 14.0 | <u> </u>    | 276              | 15.         |
| 77 10 81    | 14.3           | 5.3         | 3.0         | 3.0           | 9.1          | 5.3   | 23.0                   | 22.6 | 14.3        | 265              | 14.6        |
| 72 10 76    | 11.5           | 4.2         | 1.7         | 3.5           | 14.3         | 5.9   | 21.3                   | 22.0 | 15.4        | 256              | 15.9        |
| 62 10 71    | 9.5            | 3.9         |             | 2.2           | 12.8         | 6.7   | 24.0                   | 20.1 | 20.7        | 177              | 9.          |
| 62 10 66    | 20.0           | 6.7         | 1.3         |               | 10.7         | 6.7   | 17.3                   | 20.0 | 17.3        | 75               | 4.          |
| 57 10 61    | 24.0           |             | 4.0         | ·             |              | 50.0  | 20.0                   | 16.0 | 16.0        | 25               | 1.0         |
| 52 TO 56    |                | 16.7        |             |               |              |       |                        | 50.0 | 33.3        |                  | •           |
| 47 TO 51    |                |             | 100.0       |               |              |       |                        |      |             | 1                |             |
| 42 10 46    |                |             |             |               |              |       |                        |      | <u>-</u> -  |                  |             |
| 37 10 41    |                |             |             |               |              |       |                        |      |             |                  |             |
| 32 10 36    |                |             |             |               |              |       |                        |      |             |                  |             |
| 27 10 31    |                |             |             |               |              |       |                        |      |             |                  |             |
| 22 10 26    |                | i           |             |               | <u></u>      |       |                        |      | +           |                  |             |
| 1/ 10 21    | <del>-</del>   |             |             |               |              |       |                        |      |             |                  |             |
| 12 10 16    |                |             |             |               |              |       |                        |      |             |                  |             |
| 7 10 11     |                | +           |             | +             | <del>-</del> |       |                        |      |             |                  |             |
| 2 10 6      |                |             |             | <del></del> + |              |       |                        |      |             |                  |             |
| -3 10 1     |                |             |             | ·             |              |       |                        |      |             |                  |             |
| -810-4      | <del>+</del>   | ····        |             |               |              |       | · · · · <del>-</del> + |      |             |                  |             |
| 13 10 - 9   | <del>-</del> i |             |             | <del>-</del>  |              |       |                        |      | <del></del> |                  |             |
| 18 T.D14    |                |             |             | <del>-</del>  |              |       |                        |      |             | ——— <del>—</del> |             |
|             |                | <del></del> |             |               | <b></b>      |       |                        |      |             |                  |             |
| -25 10 -24  |                |             |             |               |              |       |                        |      |             | <del></del>      |             |
| -33 TO-29   | <del>+</del>   |             |             | <del></del>   |              |       |                        |      |             | <del></del>      |             |
| -38 to-34   |                |             |             |               |              | +     |                        |      |             | ~                |             |
| -43 TO - 37 | +              |             |             |               |              |       |                        |      |             |                  |             |
| - 45 10 44  |                |             |             | <del>-</del>  |              |       | <del></del>            |      |             |                  |             |
| -53 10 -44  | <del>-</del>   |             |             | +             |              |       |                        |      |             |                  |             |
| 35 TO - 54  |                |             |             | +             |              |       |                        |      |             |                  |             |
|             | 17.6           | 7.7         | 3.6         | 2.3           | 7.7          | 6.0   | 22.7                   | 20.3 | 12.1        | 1845             | 100.0       |

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TINE FALLEN. NV JANUARY 197

JANUARY 1973-05064858 1982

A JEUS!

| TEMP.        | NNW   | NNE   | ENE , | £5£   | \$54  | 55.45 | wsw  | WNW  | EALM  | TOTAL | . Jr  |
|--------------|-------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|
| TEMP.        | 8 N   | 8 NE  | 8 E   | & SE  | 8.5   | 8 SW  | 5 %  | & NW | ALM   | FREQ. | TOTAL |
| 122 -        |       |       |       |       |       | l     |      |      |       |       |       |
| 117 10 121   |       |       |       |       |       |       | T    |      |       |       |       |
| 112 10 116   |       |       |       | :     |       |       |      |      |       |       |       |
| 107 TO 111   |       |       |       |       |       |       |      |      |       |       |       |
| 102 TO 106   | 25.0  | 37.5  |       |       |       |       |      | 12.5 | 25.0  | ٤     | . (   |
| 97 TO 101    | 23.0  | 13.5  | 8.1   |       | 1.4   | 4 . 1 | 23.3 | 16.2 | 13.5  | 74    | 4     |
| 92 TO 96     | 25.3  | 10.3  | 5.5   | 5 • 5 | 5.5   | 10.3  | 15.8 | 15.8 | 6.2   | 146   | 8.    |
| 87 TO 91     | 23.6  | 11.1  | 4.4   | 1 • 1 | 6.3   | 7.3   | 13.1 | 18.8 | 9.6   | 271   | 15.7  |
| 82 TO 86     | 18.9  | 10.1  | 4.7   | 2.7   | 6.4   | 6.1   | 19.9 | 19.5 | 11.8  | 297   | 15.   |
| 77 TO 81     | 16.7  | 10.9  | 7.0   | 2.3   | ã • 5 | 6.6   | 20.5 | 15.1 | 12.4  | 259   | 14.5  |
| 72 10 76     | 13.8  | 7.1   | 4.6   | 5.4   | 10.8  | 6.7   | 15.4 | 17.9 | 18.3  | 240   | 13.5  |
| 67 TO 71     | 12.2  | 7.7   | 1.4   | 4 - 1 | 23.9  | 5.9   | 13.5 | 14.4 | 17.1  | 222   | 12.5  |
| o2 TO 66     | 8 . 5 | 2.6   | 3.9   | 5.2   | 20.9  | 5.9   | 13.7 | 15.7 | 23.5  | 153   | 8.6   |
| 57 10 61     | 12.3  | 4 . 1 |       | 5.5   | 16.4  | 5.5   | 9.6  | 19.2 | 27.4  | 73    | 4 .   |
| 52 TO 56     | 7.4   | 3.7   | 3.7   |       | 18.5  | 3.7   | 11.1 | 22.2 | 29.6  | 27    | 1.5   |
| 47 TO 51     |       | 12.5  |       |       |       | 25.0  | 25.0 | 25.0 | 12.5  | 6     | • 4   |
| 42 TO 46     |       |       |       |       |       |       |      |      | 100.0 | 1     | • :   |
| 37 TO 41     |       |       |       |       |       |       |      |      |       |       |       |
| 32 10 36     |       |       |       |       |       |       |      |      |       |       |       |
| 27 10 31     |       |       |       |       |       |       |      |      |       |       |       |
| 22 10 26     |       |       |       |       |       |       |      |      |       |       |       |
| 1/ 10 21     |       |       |       |       |       |       |      |      |       |       |       |
| 12 to 16     |       |       |       |       |       |       |      |      |       |       |       |
| 7 10 11      |       |       |       |       |       |       |      |      |       |       |       |
| 2 10 6       |       |       |       |       |       |       |      |      |       |       |       |
| -3 TO 1      |       |       |       |       |       |       |      |      |       |       |       |
| 8 TO-4       |       |       |       |       |       |       |      |      |       |       |       |
| - 13 TO - 9  |       |       |       |       |       |       |      |      |       |       |       |
| -18 10-14    |       |       |       |       |       |       |      |      |       |       |       |
| - 23 TO19    |       |       |       |       |       |       |      |      |       |       |       |
| - 28 TO - 24 |       |       |       |       |       |       |      |      |       |       |       |
| -33 TO-29    |       |       |       |       |       |       |      |      |       |       |       |
| -38 TO-34    |       |       |       |       |       |       |      |      |       |       |       |
| -43 TO= 39   |       |       |       |       |       |       |      |      |       |       |       |
| 48 10-44     |       |       |       |       |       |       |      |      |       |       |       |
| ~55 TO-4+    | i     |       |       | i     | i     |       |      |      |       |       |       |
| -58 10 -54   |       |       |       |       |       |       |      |      |       |       |       |
| - 54 & LWR   |       |       |       |       |       |       |      |      | 1     |       |       |
| TOTALS       | 17.0  | 8.9   | 4.4   | . 3.3 | 11.0  | 5.6   | 16.8 | 17.2 | 14.7  | 1778  | 100.0 |

vs.

# WIND DIRECTION

TALLIN, NV

JANUARY 1973-DECEMBER 1982 SERTEMBER

|              |              | 1. TAT105 1.A | VIE.  |                |         |             | FARC  |      |              | *****                                 |       |
|--------------|--------------|---------------|-------|----------------|---------|-------------|-------|------|--------------|---------------------------------------|-------|
|              |              |               |       | W              | IND DIR | ECTION      |       |      | _            | _                                     |       |
|              | NNW          | NNE           | ENE   | ESE            | 55.6    | 5514        | W 5 W | WNW  | CALM         | TOTAL                                 | i or  |
| TEMP.        | 8 N          | 8 NE          | 8 E   | 3 S E          | 8.5     | 8.577       | 8     | 8 NW | CALA         | FREQ.                                 | TOTAL |
| 122 -        |              |               |       |                |         |             |       |      |              |                                       |       |
| 117 TO 121   |              |               |       |                |         |             |       |      |              |                                       |       |
| 112 TO 116   |              |               |       |                |         |             |       |      |              |                                       |       |
| 107 TO 111   |              |               |       |                |         |             |       |      |              |                                       |       |
| 102 TO 106   |              |               |       |                |         |             |       |      |              |                                       |       |
| 97 10 131    |              |               |       |                |         | 100.0       |       |      |              | 1                                     | .!    |
| 92 10 36     | 18.0         | 10.0          | 5.0   | 4.0            | 14.0    | 6.0         | 20.0  | 12.0 | 10.7         | E 0                                   | 7.2   |
| 87 TO 91     | 25.9         | 17.2          | 6.0   | 3.4            | 4.3     | 2.6         | 10.3  | 11.2 | 19.0         | 116                                   | 7.4   |
| 82 TO 36     | 28.9         | 17.3          | 3.5   | 2.3            | 4.6     | 2.3         | 12.7  | 14.5 | 13.9         | 173                                   | 11.0  |
| 27 TO 81     | 22.2         | 19.9          | 3.7   | 3 • 2          | 7.4     | 4.6         | 13.3  | 12.7 | 13.9         | 216                                   | 13.7  |
| 72 10 76     | 21.6         | 14.9          | 3.1   | 3.1            | 5.7     | 3.1         | 18.6  | 11.9 | 16.7         | 194                                   | 17.3  |
| 67 10 71     | 19.5         | 13.1          | 3.0   | 6.8            | 8.5     | 2.5         | 14.0  | 11.4 | 21.2         | 236                                   | 15.0  |
| 62 TO 66     | 15.2         | 9.6           | 4.0   | 5.1            | 12.1    | 4.5         | 10.1  | 10.1 | 29.3         | 192                                   | 12.6  |
| 57 10 61     | 13.8         | 8.1           | 1.3   | 4.4            | 12.5    | 5.6         | 13.6  | 11.3 | 26.9         | 160                                   | 10.2  |
| 52 TO 56     | 17.7         | 4.6           | . 8   | 3.8            | 17.7    | 7.7         | 10.0  | 6.9  | 30.8         | 1 30                                  | 8.3   |
| 47 10 51     | 16.4         | 4.5           | 3.0   | 1.5            | 14.9    | 13.4        | 7.5   | 11.9 | 29.9         | 67                                    | 4.3   |
| 42 TO 46     | 3.0          |               | 4.0   | 4.0            | 0.5     | 16.7        | 8.0   | 8.0  | 44.0         | 25                                    | 1.5   |
| 37 TO 41     |              |               |       |                |         | 33.3        | 16.7  | 16.7 | 33.3         | 6                                     | . 4   |
| 32 10 36     |              |               |       |                |         |             | 100.0 |      |              | 1                                     | • 1   |
| 27 TO 31     |              |               |       | ·              |         |             |       |      |              |                                       |       |
| 22 10 26     |              |               |       |                |         |             |       |      | <u></u>      |                                       |       |
| 17 10 21     | <u>-</u>     |               |       |                |         |             |       |      |              |                                       |       |
| 12 10 %      |              | <u>i</u>      |       | ·              |         |             |       |      |              |                                       |       |
| 7 10 11      |              |               |       |                |         |             |       |      |              | · · · · · · · · · · · · · · · · · · · |       |
| 2 10 6       |              |               |       |                |         |             |       |      |              |                                       |       |
| -1 10 1      |              |               |       |                |         |             |       |      |              | ·                                     |       |
| - 5 1:0 - 4  |              |               |       | <del> </del> - |         | i           |       |      |              |                                       |       |
| 13 73 - 9    |              |               |       |                |         |             |       | i    |              | i                                     |       |
| 18 10-14     |              |               |       |                |         |             |       |      |              |                                       |       |
| 27 TG - 19   |              |               |       | +              |         |             |       |      | <del>-</del> |                                       |       |
| -28 10-24    |              |               |       | <del>-</del>   |         |             |       |      |              |                                       |       |
| -33 TO - 29  |              |               |       | <del></del>    |         |             |       |      | <del></del>  |                                       |       |
| -38 1:3-34   |              |               |       |                |         |             |       |      | <del>-</del> |                                       |       |
| -43 10 - 39  |              |               |       |                |         |             |       |      |              |                                       |       |
| - 48 TO - 44 | <del>-</del> |               |       | i              |         |             |       |      |              |                                       |       |
| -03 fu)-43   | <del>-</del> |               |       | ·              |         | <del></del> |       |      | ·····        |                                       |       |
| -55 70 - 54  |              |               |       |                |         |             |       |      | <del></del>  |                                       |       |
| TOTALS       | 20.4         | 12.7          | 3.3   | 4.0            | 9.3     | 4.7         | 12.7  | 11.3 | 21.6         | 1572                                  | 100.0 |
| Librats      | 20.4         | 1401          | 3 • 3 | <u> </u>       | 7 • 3   | 7.1         | 1201  | 1103 | 21.0         | 1313                                  | 10000 |

WIND DIRECT N

TI 2 FALLING MV

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JANUA - V 1977-DICE MEER 1982

COTOSER

|              |            |                                       |       | W                  | IND DIRE   | CTION |                 |             |       |       |       |
|--------------|------------|---------------------------------------|-------|--------------------|------------|-------|-----------------|-------------|-------|-------|-------|
| TENIP.       | NNW<br>& N | NNE<br>8 NE                           | E*45  | 45:<br><u>A ::</u> | 551<br>8-5 | 100 L | 3.1.00<br>\$ 00 | 25W<br>8 NW | CALM  | FREQ. | TOTAL |
| 122 -        |            |                                       |       |                    |            |       |                 |             |       |       | ··    |
| 17 TO 121    |            |                                       |       |                    |            |       |                 |             |       |       |       |
| 112 10 116   |            |                                       |       |                    |            |       |                 |             |       |       |       |
| 07 TO 111    |            |                                       |       |                    |            |       |                 |             |       |       |       |
| 02 TO 106    |            |                                       |       |                    |            |       |                 |             |       |       |       |
| 7 70 101     |            |                                       |       |                    |            |       |                 |             |       |       |       |
| 2 10 %       |            |                                       |       |                    |            |       |                 |             |       | i     |       |
| 7 10 91      | 29 • 4     | 29.4                                  | 5.9   | 5.9                |            |       | 11.3            | 11.3        | 5.9   | 1 7   |       |
| 2 10 86      | 37.5       | 21.9                                  | 3.1   |                    | 3.1        | 6.3   | 12.5            | 3.1         | 12.5  | 32    | 1     |
| 7 10 81      | 76.9       | 20.4                                  | 2.2   | 2.2                | 9.7        | 5.4   | 16.1            | 6.5         | 10.8  | 9.3   | 5     |
| 2 10 76      | 17.0       | 21.3                                  | 6.8   | 4.8                | 13.6       | 3.4   | 8.8             | 4.8         | 19.0  | 147   | ۴     |
| 7 10 71      | 24.1       | 19.4                                  | 5.8   | 2 • 1              | 9.9        | 2.1   | 8.9             | 8.4         | 18.3  | 191   | 10    |
| 2 TO 66      | 19.0       | 14.3                                  | 4 . 8 | 6.2                | 13.8       | 3.3   | 11.4            | 6.7         | 20.5  | 210   | 11    |
| 7 10 61      | 17.1       | 10.5                                  | 4.1   | 2.3                | 13.8       | 4.9   | 13.0            | 8.5         | 26.0  | 246   | 13    |
| 2 TO 56      | 19.7       | 10.4                                  | 2.3   | 3.9                | 13.1       | 5 • 3 | 10.3            | 8.5         | 26.3  | 259   | 14    |
| 7 10 51      | 17.5       | 6.1                                   | 2.6   | 4 . 4              | 13.5       | 6.6   | 10.5            | 10.9        | 27.9  | 229   | 12    |
| 2 10 46      | 11.3       | 3.6                                   | 1.0   | 2.6                | 10.3       | 9.8   | 8.9             | 7.7         | 45.4  | 194   | 10    |
| 7 10 41      | 6.3        | 3.9                                   | • 8   | 1.5                | 14.2       | 3.9   | 11.5            | 8.7         | 48.8  | 127   | 6     |
| 2 10 36      | 3.4        | 1.7                                   | 1.7   | 3 • 4              | 11.9       | 3.4   | 10.2            | 1.7         | 62.7  | 5.9   | 3     |
| 7 10 31      |            |                                       | 3.7   | 7.4                | 11.1       |       |                 |             | 77.8  | 27    | 1     |
| 2 10 26      |            |                                       |       |                    |            |       |                 |             | 100.0 | 2     |       |
| 7 to 21      |            |                                       |       |                    |            |       |                 |             |       |       |       |
| 210 16       |            | i                                     |       |                    |            |       |                 |             |       |       |       |
| 10 11        |            |                                       |       | 1                  | 1          |       |                 |             |       |       |       |
| 10 6         |            |                                       |       |                    | 1          |       |                 |             |       |       |       |
| 3 10 1       |            |                                       |       |                    |            |       |                 |             |       |       |       |
| 510-4        |            |                                       |       |                    |            |       |                 |             |       |       | _     |
| 13 TO - 9    |            |                                       |       |                    |            |       |                 |             |       |       |       |
| 18 10-14     |            |                                       |       |                    |            |       |                 |             |       |       |       |
| 73 TO - 19   |            |                                       |       |                    |            |       |                 |             |       |       |       |
| 28 1024      |            |                                       |       |                    |            |       |                 |             |       |       |       |
| 33 10 - 29   |            |                                       |       |                    |            |       |                 |             |       |       |       |
| 38 10-34     |            |                                       |       |                    |            |       |                 |             |       |       |       |
| -43 TO - 39  |            |                                       |       |                    |            |       |                 |             |       | 1     |       |
| 48 10 - 44   |            | -                                     |       |                    |            |       |                 |             |       |       |       |
| - 53 10 4- j |            | · · · · · · · · · · · · · · · · · · · | 1     |                    |            |       |                 |             |       |       |       |
| -35 TO - 54  |            |                                       |       |                    |            |       |                 |             |       |       |       |
| 52 & 1 V/R   |            |                                       |       |                    |            |       |                 |             |       |       |       |
| TOTALS       | 17.3       | 11.5                                  | 3.5   | 3.4                | 12.3       | 4.7   | 10.7            | 7.7         | 28.8  | 1833  | 100   |

VS.

# WIND DIRECTION

JANUARY 1973-BECCMEED 1982 NOVEMBER

|                |        |             |             | <del>_</del> | IND DIR      | ECTION         |         |       |       | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ |       |
|----------------|--------|-------------|-------------|--------------|--------------|----------------|---------|-------|-------|----------------------------------------|-------|
| TEMP.          | 8 N    | NNE<br>8 NE | ENE<br>& E  | 8 SE         | \$ \$ E<br>8 | \$\$W<br>& \$W | WSW 8 W | 8 NW  | CALM  | TOTAL<br>FREQ.                         | TOTAL |
| 122 -          |        |             |             |              |              |                |         |       |       |                                        |       |
| 117 10 121     |        |             |             |              |              |                |         |       |       |                                        |       |
| 11210116       |        |             |             |              |              |                |         |       |       |                                        |       |
| 107 10 111     |        |             |             |              |              |                |         |       |       |                                        |       |
| 102 to 106     |        |             |             |              |              |                |         |       |       |                                        |       |
| 97 10 101      |        |             |             |              |              |                |         |       |       |                                        |       |
| 92 TO 96       |        |             |             | ·            |              |                |         |       |       |                                        |       |
| 87 10 91       |        |             |             |              |              |                |         |       |       |                                        |       |
| 82 TO BE ;     |        |             |             |              |              |                |         |       |       |                                        |       |
| 27 TO 81       |        |             |             | ·            |              | 100.0          |         |       |       | 1                                      | •     |
| 72 7 3 76      | 18.2   | 18.2        |             |              |              | 18.2           | 9.1     |       | 36.4  | 11                                     |       |
| at 10 //L 👢    | 4.5    | 27.3        | 6.9         | 6.3          | 15.9         | 11.4           | 6.8     |       | 20.5  | 44                                     | 2.    |
| 62 10 66       | 8.3    | 26.0        | 9.4         | 2.1          | 6.3          | 9.4            | 9.4     | 2.1   | 27.1  | 96                                     | 5.    |
| 52 TC 51       | 12.7   | 19.3        | 5.3         | 2.0          | 15.3         | 4.7            | 13.3    | 6.0   | 21.3  | 157                                    | ρ,    |
| 52 to 54 ,     | 11.5   | 14.2        | 3.2         | 5.0          | 13.3         | 5.0            | 14.7    | 8.3   | 24.8  | 21°                                    | 12.   |
| 47 TO 51       | 12.4   | 13.7        | 4.7         | 6.0          | 13.3         | 5.2            | 8.6     | 6.4   | 29.6  | 233                                    | 13.   |
| 42 10 46       | 17.5   | 8 • 5       | 5.1         | 3.3          | 11.0         | 7.7            | 3.5     | 8.1   | 29.3  | 246                                    | 14.   |
| 37 to 41       | 13.7   | 8.4         | 5.3         | 1.9          | 14.1         | 2.7            | 5.3     | 6.5   | 37.0  | 262                                    | 15.   |
| 32 10 36       | 14.2   | 9.0         | 3.8         | 3.8          | 13.7         | 4,3            | 4.3     | 5 . 2 | 41.7  | 211                                    | 12.   |
| 27 10 31       | 8.6    | 3.7         | 3.1         | 4.9          | 11.1         | 4.3            | 8.0     | 4.9   | 51.2  | 162                                    | 9.    |
| 22 10 26       | 17.6   |             | 1.5         | 1.5          | 10.3         | 3.8            | 2.9     | 4.4   | 52.9  | 6.8                                    | 3.    |
| 1 11 1         | 2 • ā. | 2 . 3       | 2.8         | 2.8          | 8.3          | 5.6            |         | 5.6   | 63.4  | 36                                     | 2.    |
| 10 1           |        |             |             |              | 11.1         | 11.1           |         |       | 77.8  | 9                                      |       |
| ) • \ 1;       |        | →           | <del></del> |              | 25.0         |                |         |       | 75.7  | 4                                      | ٠     |
| <u>.</u> ,., , |        |             |             |              |              |                |         |       | 100.0 | 1                                      | •     |
| 4.7            |        |             |             |              |              |                |         |       |       |                                        |       |
|                | 1      |             |             |              |              |                |         |       |       |                                        |       |
| 12.5%          |        | 1           |             |              |              |                |         |       |       |                                        |       |
|                |        |             | 1           |              |              |                |         |       |       |                                        |       |
| and H          |        |             |             |              |              |                |         |       |       |                                        |       |
| 15 10 - 4      |        |             |             |              |              |                |         |       |       |                                        |       |
| ju t.∋ 24      |        |             | I           |              |              |                |         |       |       |                                        |       |
|                |        |             |             | 1            |              |                |         |       |       |                                        |       |
| 40 1 . 02      | I      |             | j           |              |              |                |         |       |       |                                        |       |
| 15 30 44       |        |             |             |              |              |                |         |       |       |                                        |       |
| - 1 Tel 4 4    |        |             |             |              |              |                |         |       |       |                                        |       |
| 19 10 14       |        |             |             |              |              |                |         |       |       |                                        |       |
| . 59 8 1 AP    |        |             |             |              |              |                |         |       |       |                                        |       |
| TOTALS         | 13.4   | 11.4        | 4.7         | 3.7          | 12.5         | 5.6            | 8.2     | 6.0   | 34.6  | 1752                                   | 100.  |

# WIND DIRECTION

TELL FALLING NV JANUARY 1973-TICLMHER 1932 DECEMBER

|              |        |                |       | _ ₩          | IND DIRE                | CTION |       |       |      |               |       |
|--------------|--------|----------------|-------|--------------|-------------------------|-------|-------|-------|------|---------------|-------|
| TEN'F.       | sus, y | 1,341<br>5 145 |       | 6 v          | \$5.0<br><b>&amp;</b> f | 55 in | 5 G   | 0 N O | CALM | TOTAL<br>FREQ | TOTAL |
| 22           |        | •              | •     |              |                         |       | I     |       |      |               |       |
| 117 10 121   |        |                | •     |              | •                       |       |       |       |      |               |       |
| 11, 10:16    |        | •              | •     |              | ***                     |       |       |       |      |               |       |
| 107 TO 111   |        |                |       |              | +                       |       |       |       |      |               |       |
| 102 7.3 106  |        |                | -     |              |                         |       |       |       |      |               |       |
| 97 TO 101    |        |                |       |              |                         |       |       |       |      |               |       |
| 92 10 96     |        |                | I     |              |                         |       |       |       |      |               |       |
| 87 TO 21     |        |                |       | 1            |                         |       |       |       |      |               |       |
| 82 10 B6     |        |                |       |              |                         |       |       |       |      |               |       |
| 77 TO 81     |        |                |       |              |                         |       |       |       |      |               | _     |
| 22 TO T6     |        |                |       |              |                         |       |       |       |      |               |       |
| 67 10 71     |        |                |       |              | 56.0                    |       | 50.0  |       |      | 4             | •     |
| 02 10 66     |        | 4.0            |       | <del></del>  | 36.0                    | 20.0  | 20.0  |       | 20.0 | 2 *           | 1.    |
| 57 10 61     | 6.8    | 5.4            | 6.8   | 0.5          | 27.0                    | 18.9  | 12.2  | 2.7   | 10.8 | 74            | 4 . 1 |
| 52 10 %      | 5 • 1  | 18.4           | 7.4   | 5.1          | 22.1                    | 8 • 6 | 9.6   | 5.1   | 18.4 | 136           | 8.    |
| 47 TO 51     | 11.2   | 15.5           | 5.6   | 7.5          | 26.1                    | 6.2   | 5 . 6 | 3.1   | 19.3 | 161           | 9.    |
| 42 TO 46     | 13.0   | 16.5           | 5.2   | 6.9          | 17.7                    | 5 • 2 | 4.8   | 8.7   | 22.1 | 231           | 13.   |
| 37 TO 49     | 2.01   | 11.6           | 2.5   | 3.5          | 13.0                    | 4.0   | 4.7   | 7.9   | 32.5 | 277           | 16.   |
| 32 10 36     | 15.3   | 10.5           | 5.8   | 3.6          | 13.1                    | 2.9   | 3.3   | 5.5   | 40.0 | 275           | 16.   |
| 27 10 31     | 15.5   | 6.0            | 4.5   | 6.0          | 7.0                     | 4.0   | 7.5   | 2.0   | 47.5 | 200           | 11.   |
| 22 10 26     | 13.2   | 9.0            | 2.8   | 4.2          | 11.8                    |       | 5.6   | 5.6   | 47.9 | 144           | 8.    |
| 1/10/2       | 5.0    | 7.5            | 2.5   | 7.5          | 12.5                    | 3.6   | 5.3   | 2.5   | 53.9 | 80            | 4.    |
| 12 10 16     | 5.7    | 3.8            |       | 3.8          | 15.1                    |       | 5.7   | 1.9   | 64.2 | 5.3           | 3.    |
| 7 10 11      | 9.1    | 4.5            | 9.1   | 9.1          | 13.6                    |       | 4 • 5 |       | 50.0 | 22            | 1.    |
| 2 10 6       |        |                |       |              |                         | 50.0  | 50.0  |       |      | 2             | •     |
| -3 10 1      | *C.0   | ·              |       |              | 25.0                    |       |       | 25.0  |      | 4             | •     |
| -87.5-0      |        | <del></del>    |       |              |                         |       |       |       |      |               |       |
| 13 10 - 4    |        | i              |       |              |                         |       |       |       |      |               |       |
| - 18 TQ14    |        | ·              | ·     |              |                         |       |       |       |      |               |       |
| - 23 10 19   |        |                |       |              |                         |       |       |       |      |               |       |
| - 28 TO - 24 |        |                |       |              |                         |       |       |       |      |               |       |
| -33 TO-29    |        |                |       |              |                         |       |       |       |      |               |       |
| -38 10-34    |        |                |       |              |                         |       |       |       |      |               |       |
| -43 10-39    |        |                |       |              |                         |       |       |       |      |               |       |
| 18 T 14      |        | <u> </u>       |       |              |                         |       |       |       |      |               |       |
| -33 TO-4"    |        |                |       | <del>-</del> |                         |       |       |       |      |               |       |
| -58 TO-54    |        |                |       |              |                         |       |       |       |      |               |       |
| SO & LYVR    | - 4    |                |       |              |                         |       |       |       |      |               |       |
| FOTALS       | 17.0   | 11.1           | 4 . 5 | 5.3          | 15.9                    | 5.0   | 6.1   | 5 • 2 | 33.9 | 1688          | 100.0 |

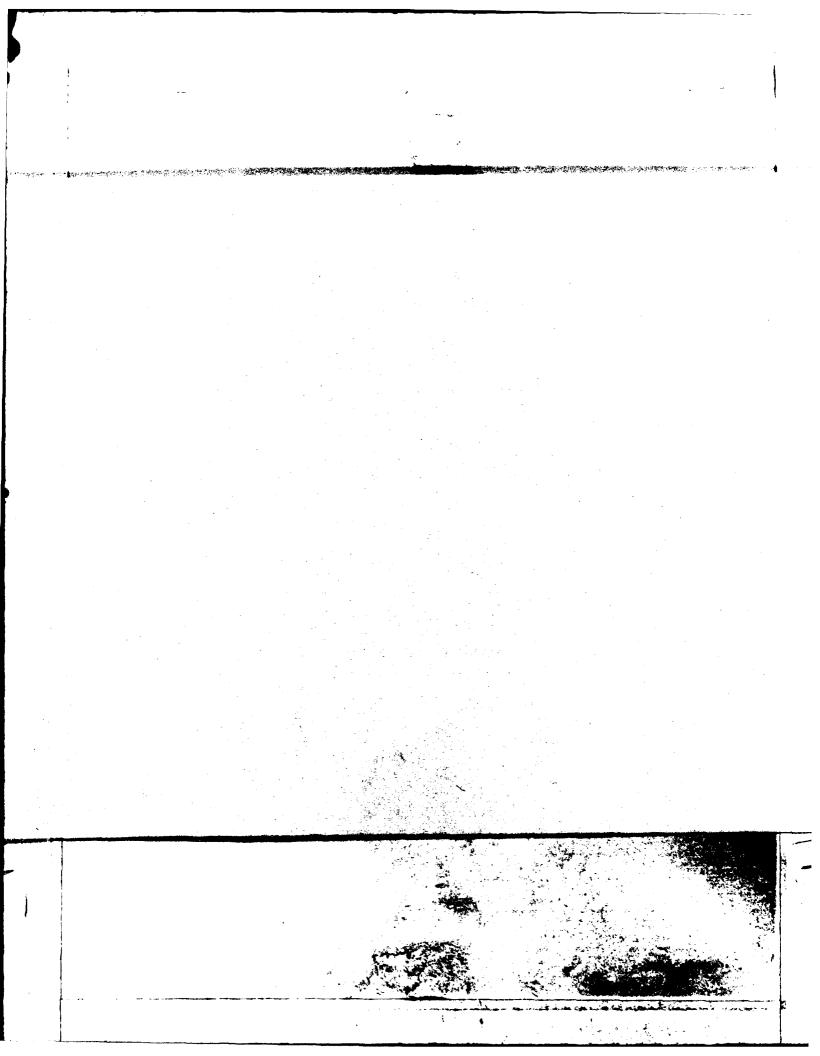
### VS. WIND DIRECTION

14 (2) - 243

JA JARY 1973-75 CEMEER 1982

466

|                |              | 1 * 4 * 14 * 14 * 14 * 1 |       |         |            |                |       |         |       | ** / 18 * ** |       |
|----------------|--------------|--------------------------|-------|---------|------------|----------------|-------|---------|-------|--------------|-------|
|                |              |                          |       |         | IND DIRE   | CTION          |       |         |       | <del></del>  |       |
| TENP.          | NNA !        | NNF                      | F*-E  | £34     | 554        | 45.00          | 634   | 45 A (A | CAN   | T-TAL        | 24    |
|                | 8 14         | - 5 NF+                  |       | - 18 2E | <u>*</u> + | <u>* 3 0</u> 1 |       | - 8 N W |       | FREQ.        | TOTAL |
| 22             |              |                          |       |         |            |                |       |         |       |              |       |
| 117 10 121     |              |                          |       |         |            | i              |       |         |       |              |       |
| 132 70 116     |              |                          | +     |         |            | i              |       |         |       |              |       |
| 107 10111      |              |                          |       |         |            |                |       |         |       |              |       |
| 102 TO 105     | 25.3         | 18.8                     |       |         | · 1        | 3.1            | 9.4   | 28.1    | 12.5  | 3.2          |       |
| 97 10 101      | ~1.3         | 12.5                     | 5.3   | 1.4     | 2.1        | 5.4            | 21.3  | 19.7    | 9.0   | 1 1 0        | . 0   |
| 192 10 96      | <u> </u>     | 10.2                     | 4.9   | 3.4     | 6.2        | 3.3            | 18.7  | 17.7    | 9.6   | 53.          | 2.5   |
| 11 to 41       | 72.2         | 11.7                     | 5.3   | 1.5     | 5.3        | 5.3            | 20.2  | 16.7    | 9.8   | 997          | 4.7   |
| 82 °C 36       | 23.7         | 11.3                     | 5.0   | 2.7     | 6.2        | 5.9            | 21.3  | 16.8    | 13.4  | 1144         | 5.4   |
| 77 TO E        | 19.2         | 11.7                     | 4.9   | 2 • 5   | 7.5        | 6.2            | 27.4  | 15.5    | 11.8  | 1345         | 6.4   |
| 72 10 76       | 17.5         | 10.1                     | 4.4   | 3.5     | 10.3       | 5.7            | 19.0  | 15.0    | 14.6  | 1551         | 7.3   |
| 57, 10, 71     | 18.0         | 11.2                     | 3.9   | 4.0     | 11.8       | 5.5            | 15.8  | 14.3    | 15.9  | 1613         | 7.6   |
| 62 13 66       | 16.0         | 10.2                     | 4.5   | 3.7     | 13.0       | 7.3            | 15.3  | 11.8    | 18.2  | 1664         | 7.9   |
| 57 TO 61       | 15.6         | 10.2                     | 4 . 2 | 4.5     | 13.8       | 7.5            | 14.3  | 11.9    | 18.1  | 1627         | 7.7   |
| 52 1-5 56      | 16.4         | 10.9                     | 4.0   | 4.9     | 14.3       | 7.6            | 12.8  | 10.6    | 19.6  | 1867         | 2,5   |
| 42 10 51       | 15.0         | 10.3                     | 5.1   | 7.1     | 15.7       | 6.9            | 10.5  | 10.6    | 18.7  | 1814         | 8.6   |
| 42 10 46       | 15.7         | 10.1                     | 5.1   | 6.5     | 13.0       | 5.6            | 9.6   | 10.7    | 23.4  | 1787         | 8.5   |
| 37 10 41       | 19.1         | 8.9                      | 4 • 1 | 5.1     | 13.1       | 4.1            | 9.7   | 9.4     | 27.5  | 1624         | 7.7   |
| 32 10 26       | 15.0         | 8.9                      | 5.1   | 5 • 5   | 12.0       | 5.1            | 5.0   | 7.8     | 33.2  | 14.15        | 6.6   |
| 27 10 71       | 14.0         | 6.5                      | 4 • 5 | 5 • 9   | 13.0       | 5.1            | 5.7   | 5.1     | 40.3  | 010          | 4.3   |
| 22 10 26       | 12.4         | 6.9                      | 4.7   | 4.1     | 13.4       | 3.0            | 4 . 8 | 5 . 2   | 44.8  | 516          | 2.4   |
| 11.12.2        | 5 • <b>2</b> | 8.6                      | 3.0   | 7.4     | 10.0       | 4.5            | 3.7   | 3.7     | 53.9  | 560          | 1.3   |
| 1. 10 %        | 5 . 1        | 5.1                      | 3.6   | 3.6     | 14.6       | 5 . 8          | 4 . 4 | 2.2     | 55.5  | 137          | .6    |
| 1 - 5 7 -      | 5.9          | 4.2                      | 5.6   | 8 • 3   | 12.5       | 1 • 4          | 4.2   |         | 56.9  | 7.7          | • 3   |
| 2 10 4         |              | 4.3                      |       | 4 . 3   | 8.7        | 13.0           | 13.0  |         | 56.5  | 2 *          | • 1   |
|                | 13.6         |                          | 4 . 5 |         | 19.2       | 4 • 5          |       | 4.5     | 54.5  | 22           | • 1   |
| a 1-3 - 4      |              |                          |       |         | 20.0       |                |       |         | 80.0  | Ē            | • 1   |
| 12:00 4        | 130.0        |                          | 1     |         |            |                |       |         |       | 1            | • 0   |
| 8 73 14        |              | 1                        | 1     |         |            |                |       |         | 100.0 | ,            | .0    |
| 20 10 19       |              |                          |       |         |            |                |       |         |       |              |       |
| - 28 TC - 24   |              |                          |       |         |            |                |       |         |       |              |       |
| - 33 10 - 29   |              |                          |       |         |            |                |       |         |       |              |       |
| - 38 T-3 - 34  |              |                          |       |         |            |                |       |         |       |              |       |
| -43 TO - 39    | 1            |                          |       |         |            |                |       |         |       |              |       |
| - 48 10 -44    |              |                          |       |         |            | 1              |       |         |       |              |       |
| =50 To 147     |              |                          |       |         | 1          |                |       |         |       |              |       |
| 98 TG - 54     |              |                          |       |         |            |                |       |         |       |              |       |
| 1 13 8 1 1 1 9 | t            |                          |       |         |            |                |       |         |       |              |       |
| TOTALS         | 16.8         | 10.1                     | 4.6   | 4.6     | 11.7       | 6.0            | 13.4  | 11.8    | 21.0  | 21144        | 100.0 |



onn, rederal Building sheville, N. C.

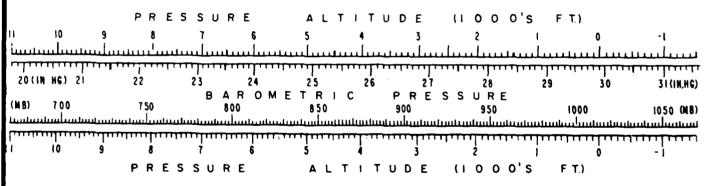
# PART F

# PRESSURE SUMMARY

resented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

- . Station pressure in inches of mercury.
- . Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian feteorological Tables.



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# MEANS AND STANDARD DEVIATIONS

OFA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

5 132 FALLON, NY 73-82
STATION STATION PARE YEARS

| HRS.(L.S.T.)                          |                  | JAN.    | FEB.   | MAR.   | APR.              | MAY         | אטן.     | JUL.   | AUG.   | SEP.           | ост.   | NOV.                                    | DEC.   | ANNUAL |
|---------------------------------------|------------------|---------|--------|--------|-------------------|-------------|----------|--------|--------|----------------|--------|-----------------------------------------|--------|--------|
|                                       | MEAN             | 1922.0  |        |        |                   |             |          |        | 1014.0 |                |        |                                         |        | 1016.0 |
| ~ 1                                   | \$. D.           |         |        |        |                   |             |          |        | _      |                |        |                                         |        | 4.169  |
| · · · · · · · · · · · · · · · · · · · | TOTAL CBS        | 1       |        |        |                   |             |          |        | 3      |                |        |                                         |        | 4      |
|                                       |                  | ļ       |        |        |                   |             |          |        |        |                |        |                                         |        |        |
|                                       | MEAN             | 1020.6  | 1013.9 |        | 1017.8            | 1010.5      | 1010.4   | 009.8  | 1015.7 | 1021.0         | 1019.0 | ##T8.6                                  | ,      | 1015.9 |
|                                       | S. D.            | )       |        | 3.748  |                   |             |          |        |        |                |        |                                         |        | 4.311  |
|                                       | TOTAL OBS        | 2       | 1      | 6      | 2                 | 1           | 1        | 1      |        | 2              | 3      | 1                                       |        | 23     |
|                                       | MEAN             |         |        |        |                   | • • • •     | 1017 #   | 2017 7 | 2014 1 | 1014 0         | 2010 0 | 1021 5                                  | 1027 7 | 1017.6 |
|                                       | !                | 1 22.5  | 1020.6 | 1016.2 | 1316.3            | 1013.8      | 1013.4   | 101301 | 101401 | 1010.0         | 101707 | 0 004                                   | 1023.7 |        |
| ,1 7                                  | S. D.            |         | 8.324  |        |                   |             |          |        |        |                |        |                                         |        | 7.227  |
|                                       | TOTAL OBS        | 209     | 282    | 313    | 330               | 310         | 700      | 310    | 314    | 200            | 305    | 295                                     | 294    | 3575   |
|                                       | MEAN             | 1327 7  | 1020.0 | 1216.0 | 1016.1            | 1018.4      | 1013-1   | 1013.5 | 1013.7 | 1015.7         | 1019.2 | 1021-5                                  | 1024.1 | 1017.5 |
| ,                                     | S. D.            | 0 0 75  | 8.249  | 7 378  | 5.774             | 4.600       | 1.070    | 2-811  | 3.354  | 3.901          | 5.988  | 7.934                                   | 8.017  | 7.330  |
| 1                                     | TOTAL OBS        |         | 282    |        |                   |             |          |        |        |                |        |                                         |        | 3583   |
|                                       |                  | 32      | 1      |        | <u>الما مناقم</u> | <del></del> |          |        | 303    |                |        |                                         |        | 75.49  |
|                                       | MEAN             | 1320.8  | 1018.6 | 1014.2 | 014-4             | 1011.8      | 1011.5   | 1011.8 | 1011.9 | 1913.7         | 1016.9 | 1019.1                                  | 1021.4 | 1015.5 |
| 1 .                                   | S. D.            | 8.506   | 8.004  | 7-023  | 5.651             | 4-523       | 4.022    | 2.906  | 3.375  | 3.855          | 5.818  | 7.646                                   | 7.735  | 7.014  |
| •                                     | TOTAL OBS        | 302     | 282    | 311    | 300               | 310         | 300      | 310    | 304    | 266            | 305    |                                         | 298    | 3592   |
|                                       |                  |         |        |        |                   |             |          |        |        |                |        |                                         |        |        |
|                                       | MEAN             | 1.20.4  | 1017.7 | 1013.2 | 1013.0            | 1310.6      | 1010-2   | 1010.2 | 1010.4 | 1012.3         | 1016.0 | 1018.7                                  | 1021.3 | 1014.5 |
| :                                     | S. D.            | . 545   | 7.882  | 6.735  | 5.459             | 4.284       | 3.838    | 2.998  | 3.267  | 3.796          | 5.694  | 7.465                                   | 7.590  | 7.136  |
|                                       | TOTAL OBS        |         | 252    | 310    | 300               | 310         | 300      | 310    | 304    | 266            | 305    | 294                                     |        | 3577   |
|                                       |                  |         |        |        |                   |             |          |        |        | <u>L</u> .     |        |                                         |        |        |
|                                       | MEAN             | 1321.8  | 1619.2 | 1014.2 | 1013.4            | 1010.8      | 1010.2   | 1010.0 | 1010.5 | 1012.9         | 1017.3 | 1020.2                                  | 1022.8 | 1015.2 |
| 1                                     | S. D.            | 5.718   | 8.012  | 6.564  | 5.273             | 3.989       | 3.450    | 2.940  | 3.177  | 3.698          | 5.810  | 7.731                                   | 7.998  | 7.478  |
|                                       | TOTAL OBS        | 277     | 282    | 310    | 300               | 310         | 300      | 310    | 305    | 266            | 305    | 293                                     | 277    | 3555   |
|                                       | <br><del> </del> |         | ļ      |        | L                 |             | <u> </u> |        | ļ      |                |        |                                         |        |        |
|                                       | MEAN             | 1 122.6 | 1019.5 | 1014.8 | 1014.6            | 1012.2      | 1011.9   | 1011.9 | 1012.3 | <b>p</b> 013.9 | 1017-5 | 1656.0                                  | 1022.7 | 1015.9 |
| . ?                                   | S. D.            | 8.885   | 8.013  | 6.604  | 5.316             | 3.991       | 3.422    | 2.729  | 2.993  | 3.660          | 5.832  | 7.806                                   | 7.702  | 7.001  |
|                                       | TOTAL OBS        | 233     |        | 279    |                   |             | 297      | 296    | 247    | 291            | 305    | 278                                     |        | 3228   |
|                                       |                  |         |        |        |                   |             |          |        |        |                |        |                                         |        | 1014 0 |
| ALL                                   | MEAN             | 1021.9  | 1019.4 | 1014.8 | 1014.6            | 1012-1      | 1011.7   | 1011.9 | 1014.5 | F U 1 7 0 1    | TOTIOL | 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 1022.7 | 1016.0 |
| HOURS                                 | S. D.            | 797. د  | 8.141  | 6.999  | 5.654             | 4.448       | 3.964    | 3.203  | 3.557  | 4.034          | 3.953  | 7.555                                   | 7.940  | 7.291  |
|                                       | TOTAL OBS        | 1737    | 1664   | 1835   | 1771              | 1860        | 1798     | 1596   | 1774   | 1573           | 1833   | 1.752                                   | 1674   | 21127  |

# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HE FROM HOURLY OBSERVATIONS

| 9 11 -2         | FALLON, NV   | 73-6           | 8.2   |              |               |
|-----------------|--------------|----------------|-------|--------------|---------------|
| STATION         | STATION NAME |                | YEARS |              |               |
| First to a mile | <del></del>  | 12 / 442 / 401 |       | T 005 T 1101 | <del></del> - |

| STATION      |               |                     | 2       | TATION NAME |        |        |         |         |          | YEARS  |        |        |        |        |
|--------------|---------------|---------------------|---------|-------------|--------|--------|---------|---------|----------|--------|--------|--------|--------|--------|
| HRS.(L.S.T.) |               | JAN.                | FEB.    | MAR.        | APR.   | MAY    | JUN,    | JUL.    | AUG.     | SEP.   | OCT.   | NOV.   | DEC.   | ANNUAL |
|              | MEAN          | 25.030              |         |             |        | ,      |         |         | 26.053   |        |        |        |        | 26.048 |
| 0.1          | \$. D.        |                     |         | ĺ           |        | 1      |         | 1       |          | (      | 1      | 1      | 1      | .029   |
|              | TOTAL OBS     | 1                   | İ       |             |        |        |         |         |          |        |        |        |        |        |
|              |               | 1                   |         |             |        |        |         |         | <u> </u> |        |        |        |        |        |
|              | MEAN          | 26.010              | 25.930  | 25.973      | 26.020 | 25.910 | 25.960  | 25.960  | 26.070   | 26.150 | 26.100 | 25.800 |        | 26.012 |
| 3.1          | S. D.         | ľ,                  |         | .080        |        |        |         |         |          | ļ      | }      | 1      |        | •356   |
|              | TOTAL OBS     | 2                   | 1       | 6           | 2      | 1      | 1       | 1       | 3        | 2      | 3      | 1      |        | 2.3    |
|              | MEAN          | 1                   |         | 05 071      | 74 000 | 25 202 | 200     | 24 225  | 24 630   | 24 007 | 24 595 | 24 500 | 26 121 | 26.342 |
|              | S. D.         | 1                   |         |             |        |        |         |         | 1        | 1      | 1      | ł      | 26.121 | 1 -    |
| 7            | TOTAL OBS     | .211                | 4       |             |        | 1      |         |         |          |        |        |        |        | .158   |
|              | TOTAL OBS     | <u> 351</u>         | 282     | 310         | 300    | 310    | 300     | 310     | 305      | 266    | 305    | 295    | 295    | 3579   |
|              | MEAN          | 20.109              | 26.CSD  | 25.980      | 26.007 | 25.973 | 25.997  | 26.030  | 26.028   | 26.052 | 26.098 | 26.108 | 26.149 | 26.050 |
| •            | \$. D.        | .210                | 1       |             | ,      |        |         | !       |          |        | 0      | 1      |        | .162   |
|              | TOTAL OBS     | 304                 |         |             |        |        |         |         |          |        |        | 1      | 299    | 3586   |
| <u>-</u>     |               | ļ                   |         |             |        |        |         |         | <u> </u> |        |        |        |        | 24 227 |
|              | MEAN<br>S. D. | 20.056              |         | 1           |        |        |         |         |          |        |        |        |        | 26.003 |
| 1.4          | TOTAL OBS     | .204                |         |             |        |        |         | 1 -     | 1        |        |        |        | 1 1    | .157   |
|              | 1012003       | 304                 | 292     | 310         | 300    | 310    | 300     | 310     | 305      | 266    | 305    | 295    | 299    | 3586   |
|              | MEAN          | 25.044              | 26.908  | 25.907      | 5.925  | 25.893 | 25.917  | 25.938  | 25.933   | 25.959 | 26.015 | 26.C4C | 26.080 | 25.971 |
| 1 -          | S. D.         | .272                |         |             |        | 1      | l       |         |          | 1      |        |        |        | .157   |
| ·<br>        | TOTAL OBS     | 303                 |         |             |        | 1      |         | 1       |          | ,      | 1      | 294    | 296    | 3581   |
|              | MEAN          | 20.05D              | 24 025  | 25 220      |        | 25 207 | 25 025  | 25 04 2 | 25 030   | 25 040 | 24 070 | 94 DEE | 24 007 | 25.981 |
| , .          | S. D.         | II                  | i       | í           |        | 1      | 1       | ſ       |          |        |        |        |        | .156   |
| 13           | TOTAL OBS     | .272<br>29 <b>7</b> |         |             |        | _      |         |         | 1        | 1      |        |        | 1      | 3555   |
|              | TOTALOUS      | 271                 |         |             | 300    | 316    |         | 310     | 202      | 200    | 200    |        |        |        |
|              | MEAN          | 25.090              | 26.048  | 25.950      | 25.974 | 25.943 | 25.968  | 25.989  | 25.991   | 26.005 | 26.052 | 26.071 | 26.115 | 26.013 |
| . 7          | S. D.         | .211                | 1       | 1           |        | i .    | 1       |         |          |        | 1      |        |        | .153   |
|              | TOTAL OBS     | 233                 |         | 279         |        |        | l .     |         |          | 241    | 305    | 278    | 221    | 3229   |
|              | MEAN          | 1                   | 24 24 2 |             | 25 040 | 25 077 | 20 24 2 | 2004    | 25 00 7  | 24 004 | 24 052 | 24 030 | 24 100 | 26.010 |
| ALL          | S. D.         | H                   | 1       |             |        |        |         |         |          |        |        |        | 26.109 |        |
| HOURS        | TOTAL OBS     | .207                | ,       | .177        |        |        |         |         |          |        |        |        |        | •160   |
|              | TOTALOBS      | 1745                | 1664    | 1835        | 1772   | 1860   | 1798    | 1846    | 1778     | 1573   | 1833   | 1752   | 1687   | 21143  |

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